

Data Path : Z:\HPCHEM1\BNA G\Data\BG101916\
 Data File : BG024436.D
 Acq On : 19 Oct 2016 10:26
 Operator : UM/SJ
 Sample : SSTDC0020
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SSTD02004

Quant Time: Oct 19 17:27:52 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\SOM02.2-EPA-BG0100716.M
 Quant Title : SVOA CALIBRATION
 QLast Update : Wed Oct 19 10:58:30 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.284	152	132374	20.00	ng/ul	0.00
18) Naphthalene-d8	11.110	136	600496	20.00	ng/ul	0.00
35) Acenaphthene-d10	14.900	164	487889	20.00	ng/ul	0.00
61) Phenanthrene-d10	17.638	188	983951	20.00	ng/ul	0.00
75) Chrysene-d12	21.939	240	1104383	20.00	ng/ul	0.00
83) Perylene-d12	25.376	264	1157548	20.00	ng/ul	0.00

System Monitoring Compounds

3) 1,4-Dioxane-d8	3.642	96	18115	6.50	ng/uL	0.00
5) Phenol-d5	7.409	99	259883	21.04	ng/ul	0.00
7) Bis-(2-Chloroethyl)eth...	7.597	67	158690	19.01	ng/ul	0.00
9) 2-Chlorophenol-d4	7.802	132	186114	21.88	ng/ul	0.00
13) 4-Methylphenol-d8	8.971	113	217063	21.74	ng/ul	0.00
19) Nitrobenzene-d5	9.459	128	92405	21.68	ng/ul	0.00
22) 2-Nitrophenol-d4	10.182	143	107322	22.51	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	10.716	165	226690	21.83	ng/ul	0.00
29) 4-Chloroaniline-d4	11.239	131	253009	23.19	ng/ul	0.00
43) Dimethylphthalate-d6	14.289	166	715636	21.01	ng/ul	0.00
46) Acenaphthylene-d8	14.594	160	845620	21.67	ng/ul	0.00
51) 4-Nitrophenol-d4	15.058	143	119040	19.71	ng/ul	0.00
57) Fluorene-d10	15.887	176	669337	20.78	ng/ul	0.00
62) 4,6-Dinitro-2-methylph...	15.987	200	131848	22.30	ng/ul	0.00
70) Anthracene-d10	17.738	188	967541	21.77	ng/ul	0.00
76) Pyrene-d10	20.006	212	1088440	21.12	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.141	264	1089565	20.92	ng/ul	0.00

Target Compounds

						Ovalue
2) 1,4-Dioxane	3.678	88	24275	8.04	ng/uL	91
4) Benzaldehyde	7.414	77	197010	22.67	ng/ul	97
6) Phenol	7.438	94	264234	21.08	ng/ul	95
8) Bis(2-Chloroethyl)ether	7.691	93	184558	20.00	ng/ul	94
10) 2-Chlorophenol	7.838	128	178183	20.67	ng/ul	86
11) 2-Methylphenol	8.707	108	201098	21.66	ng/ul	83
12) 2,2'-oxybis(1-Chloropr...	8.807	45	350317	19.01	ng/ul	99
14) Acetophenone	9.107	105	316928	21.38	ng/ul	97
15) N-Nitroso-di-n-propyla...	9.083	70	186062	20.81	ng/ul#	85
16) 4-Methylphenol	9.036	108	223635	22.71	ng/ul	97
17) Hexachloroethane	9.377	117	79705	19.99	ng/ul	92
20) Nitrobenzene	9.500	77	292154	21.66	ng/ul	98
21) Isophorone	10.017	82	527656	21.53	ng/ul	99
23) 2-Nitrophenol	10.217	139	114629	22.06	ng/ul	96
24) 2,4-Dimethylphenol	10.252	107	272968	21.32	ng/ul	98
25) Bis(2-Chloroethoxy)met...	10.493	93	284674	21.19	ng/ul	97
27) 2,4-Dichlorophenol	10.746	162	219020	22.00	ng/ul	95
28) Naphthalene	11.163	128	608774	21.05	ng/ul	98
30) 4-Chloroaniline	11.263	127	249377	22.52	ng/ul	93
31) Hexachlorobutadiene	11.433	225	176517	22.14	ng/ul	96
32) Caprolactam	12.021	113	77443	20.46	ng/ul	96
33) 4-Chloro-3-methylphenol	12.350	107	266460	21.87	ng/ul	96
34) 2-Methylnaphthalene	12.744	142	491703	21.39	ng/ul	100

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 ALS Vial : 2 Sample Multiplier: 1

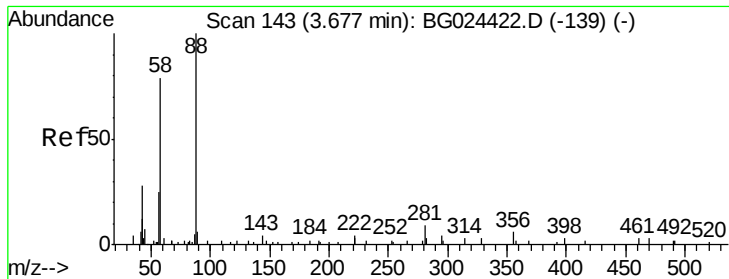
Instrument :
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

36) 1,2,4,5-Tetrachloroben...	13.102	216	333499	23.18	ng/ul#	91
37) Hexachlorocyclopentadiene	13.073	237	208623	19.77	ng/ul	98
38) 2,4,6-Trichlorophenol	13.331	196	211645	22.69	ng/ul	88
39) 2,4,5-Trichlorophenol	13.402	196	226497	22.09	ng/ul	95
40) 1,1'-Biphenyl	13.736	154	687545	21.76	ng/ul	98
41) 2-Chloronaphthalene	13.783	162	541772	21.87	ng/ul	97
42) 2-Nitroaniline	13.983	65	208564	22.12	ng/ul	95
44) Dimethylphthalate	14.336	163	696408	20.85	ng/ul	97
45) 2,6-Dinitrotoluene	14.465	165	148593	22.93	ng/ul#	88
47) Acenaphthylene	14.624	152	817379	21.77	ng/ul	98
48) 3-Nitroaniline	14.794	138	136697	22.33	ng/ul#	86
49) Acenaphthene	14.959	153	561449	20.92	ng/ul	100
50) 2,4-Dinitrophenol	14.994	184	82914	19.07	ng/ul	95
52) 4-Nitrophenol	15.082	109	150618	20.58	ng/ul	95
53) Dibenzofuran	15.293	168	845566	21.40	ng/ul	99
54) 2,4-Dinitrotoluene	15.246	165	215531	22.44	ng/ul#	94
55) 2,3,4,6-Tetrachlorophenol	15.511	232	225693	22.43	ng/ul	96
56) Diethylphthalate	15.687	149	705333	20.03	ng/ul	97
58) Fluorene	15.940	166	689180	21.10	ng/ul	96
59) 4-Chlorophenyl-phenyle...	15.922	204	377705	20.84	ng/ul	90
60) 4-Nitroaniline	15.957	138	145347	20.61	ng/ul	96
63) 4,6-Dinitro-2-methylph...	16.004	198	137991	22.26	ng/ul#	91
64) N-Nitrosodiphenylamine	16.134	169	607815	21.84	ng/ul	96
65) 4-Bromophenyl-phenylether	16.821	248	268264	23.54	ng/ul	95
66) Hexachlorobenzene	16.933	284	303750	23.89	ng/ul	96
67) Atrazine	17.074	200	256039	22.49	ng/ul	94
68) Pentachlorophenol	17.273	266	173037	22.39	ng/ul	92
69) Phenanthrene	17.679	178	1087673	21.89	ng/ul	97
71) Anthracene	17.773	178	1119287	22.13	ng/ul	99
72) Carbazole	18.037	167	916393	23.09	ng/ul	98
73) Di-n-butylphthalate	18.566	149	1095566	22.57	ng/ul	100
74) Fluoranthene	19.671	202	1246593	24.84	ng/ul	99
77) Pyrene	20.035	202	1249210	21.18	ng/ul	99
78) Butylbenzylphthalate	20.899	149	491033	20.72	ng/ul	98
79) 3,3'-Dichlorobenzidine	21.821	252	469189	22.81	ng/ul	97
80) Benzo(a)anthracene	21.915	228	1318256	21.51	ng/ul	97
81) Bis(2-ethylhexyl)phtha...	21.780	149	696752	20.78	ng/ul	97
82) Chrysene	21.986	228	1249260	21.41	ng/ul	96
84) Di-n-octyl phthalate	23.061	149	1175223	21.64	ng/ul	100
85) Benzo(b)fluoranthene	24.271	252	1363122	21.21	ng/ul	98
86) Benzo(k)fluoranthene	24.342	252	1242319	20.07	ng/ul	99
88) Benzo(a)pyrene	25.211	252	1265305	20.67	ng/ul	97
89) Indeno(1,2,3-cd)pyrene	29.318	276	1557041	21.48	ng/ul	100
90) Dibenzo(a,h)anthracene	29.389	278	1308118	21.34	ng/ul	96
91) Benzo(g,h,i)perylene	30.570	276	1306975	21.44	ng/ul	95

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#2

1,4-Dioxane

Concen: 8.04 ng/uL

RT: 3.678 min Scan# 14

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

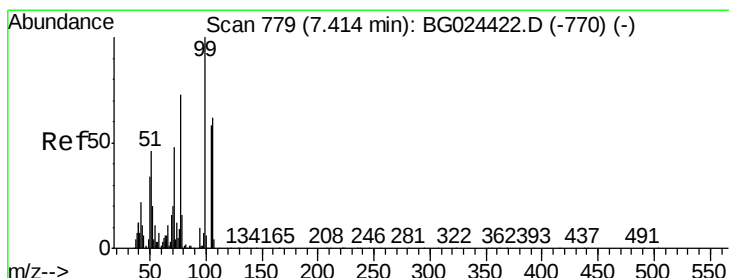
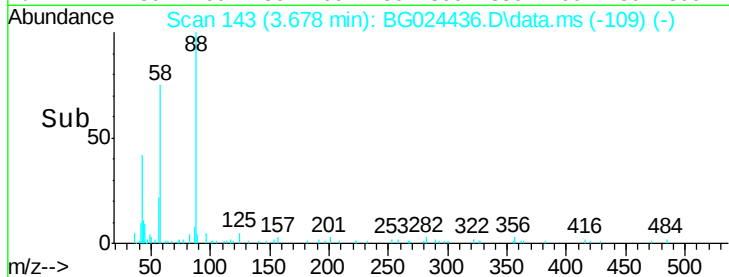
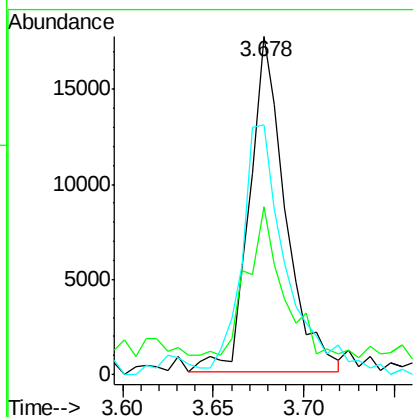
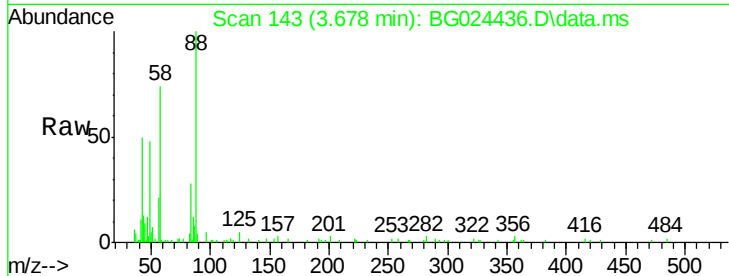
Tot Ion: 88 Resp: 24275

Ion Ratio Lower Upper

88 100

43 49.6 39.2 58.8

58 73.8 69.4 104.0



#4

Benzaldehyde

Concen: 22.67 ng/uL

RT: 7.414 min Scan# 779

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

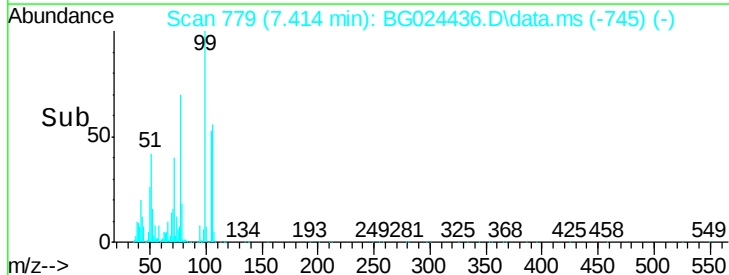
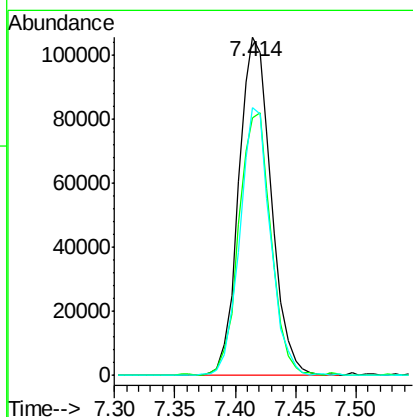
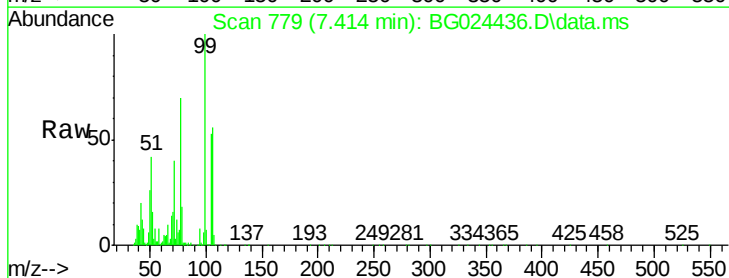
Tgt Ion: 77 Resp: 197010

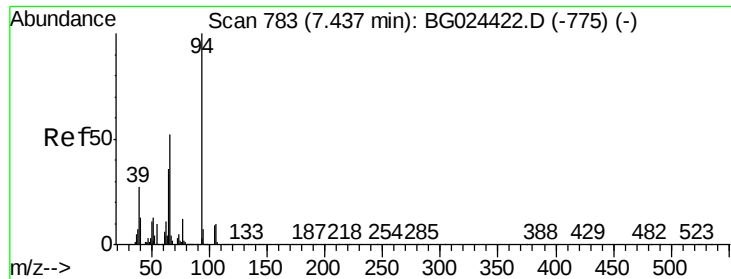
Ion Ratio Lower Upper

77 100

105 76.0 62.0 93.0

106 79.2 60.2 90.4





#6

Phenol

Concen: 21.08 ng/ul

RT: 7.438 min Scan# 78

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

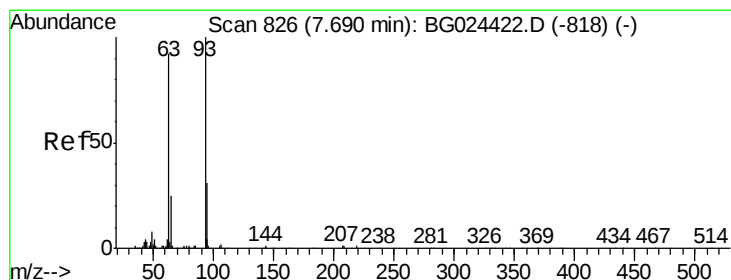
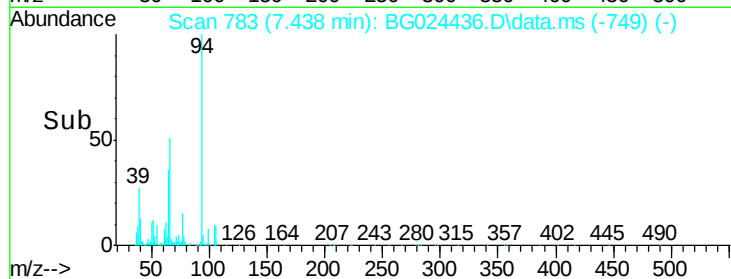
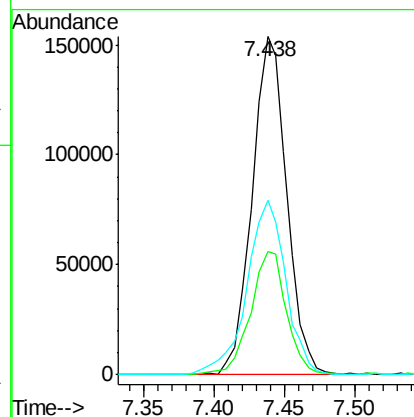
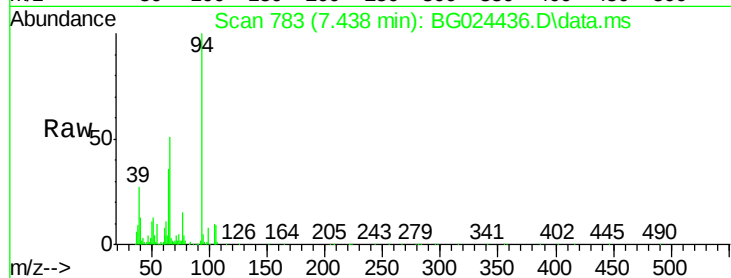
Tot Ion: 94 Resp: 264234

Ion Ratio Lower Upper

94 100

65 36.3 26.8 40.2

66 51.4 44.4 66.6



#8

Bis(2-Chloroethyl)ether

Concen: 20.00 ng/ul

RT: 7.691 min Scan# 826

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

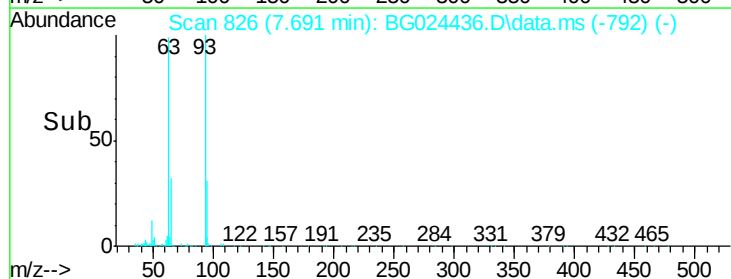
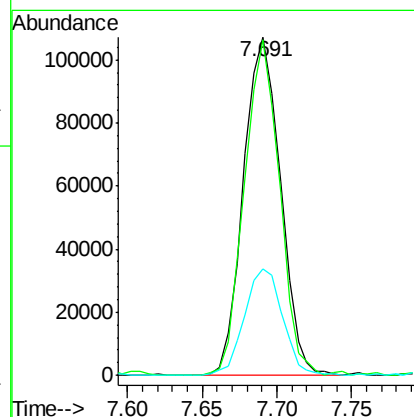
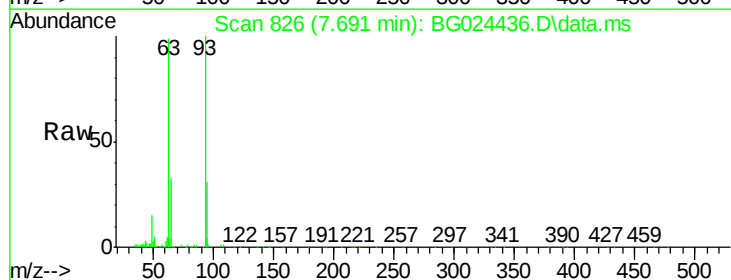
Tgt Ion: 93 Resp: 184558

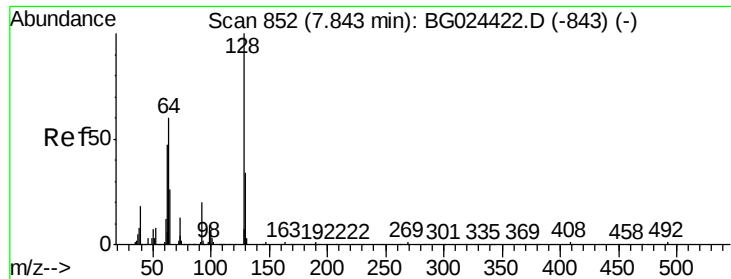
Ion Ratio Lower Upper

93 100

63 99.4 75.5 113.3

95 31.4 29.2 43.8





#10

2-Chlorophenol

Concen: 20.67 ng/ul

RT: 7.838 min Scan# 85

Delta R.T. -0.005 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

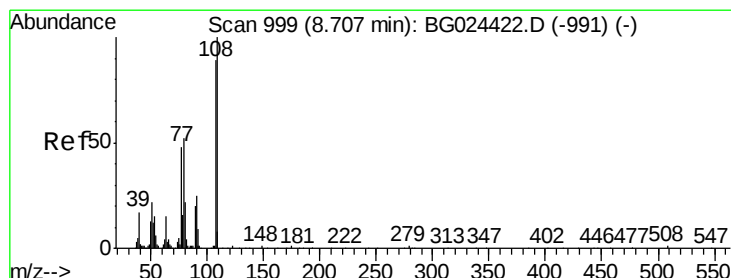
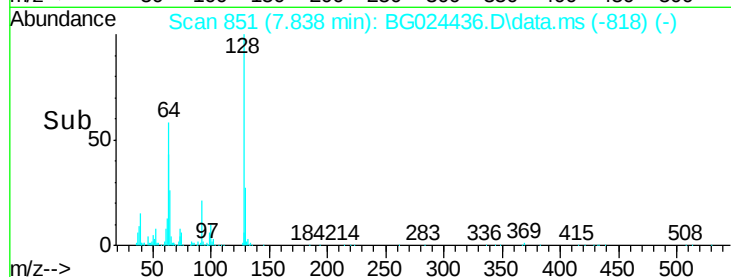
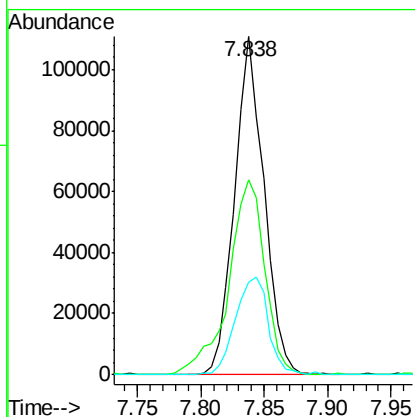
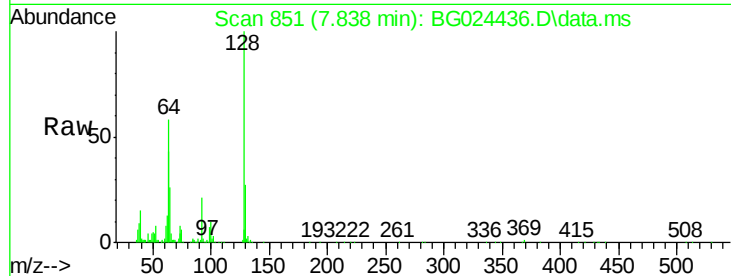
Tot Ion:128 Resp: 178183

Ion Ratio Lower Upper

128 100

64 57.5 56.3 84.5

130 27.5 26.7 40.1



#11

2-Methylphenol

Concen: 21.66 ng/ul

RT: 8.707 min Scan# 999

Delta R.T. 0.001 min

Lab File: BG024436.D

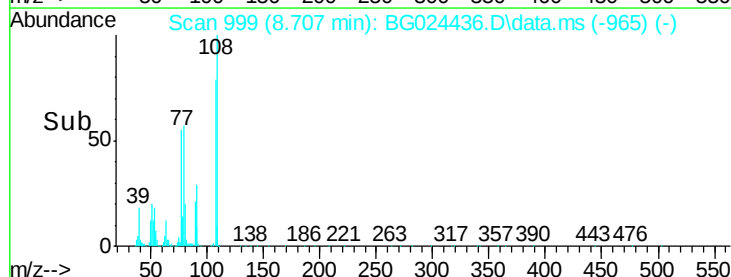
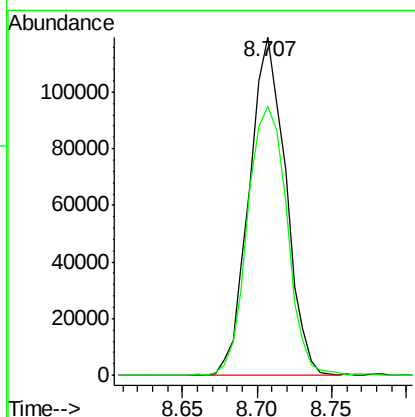
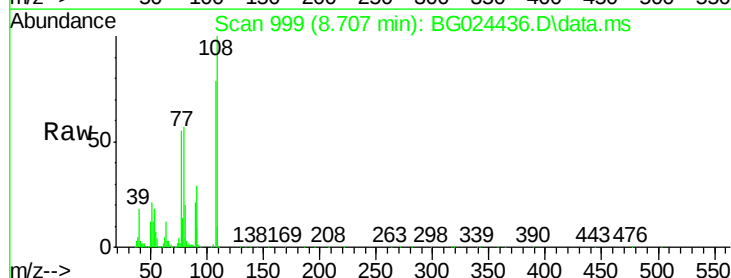
Acq: 19 Oct 2016 10:26

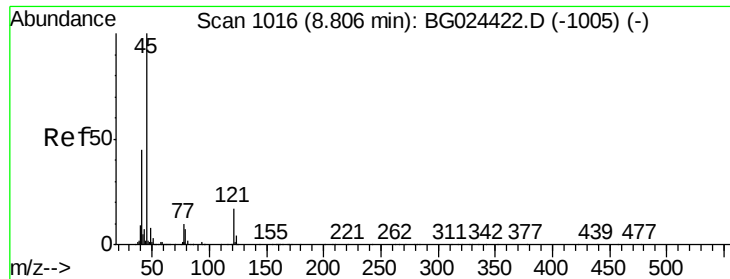
Tgt Ion:108 Resp: 201098

Ion Ratio Lower Upper

108 100

107 79.5 76.7 115.1

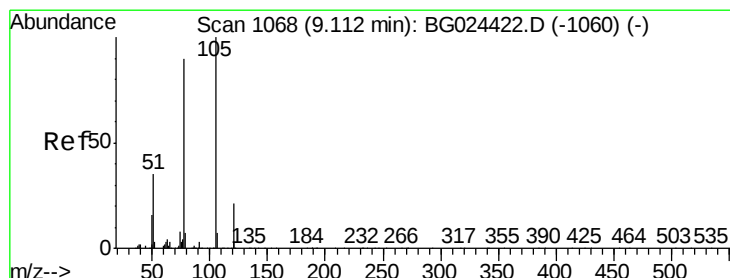
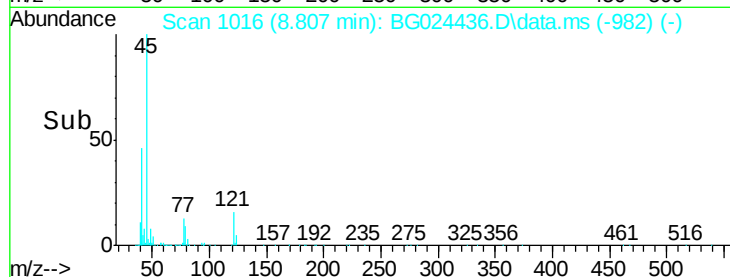
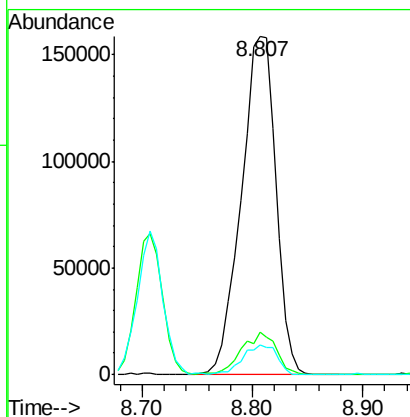
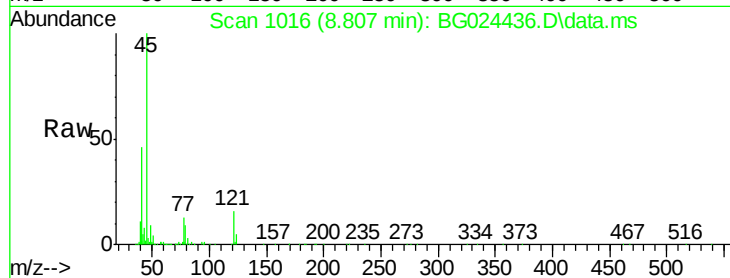




#12
2,2'-oxvbis(1-Chloropropane)
Concen: 19.01 ng/ul
RT: 8.807 min Scan# 1016
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

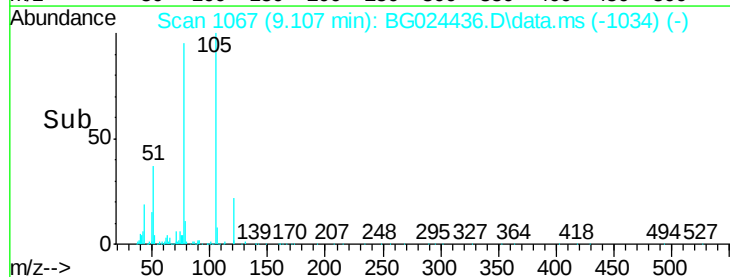
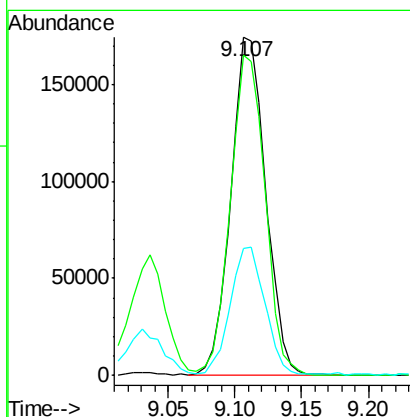
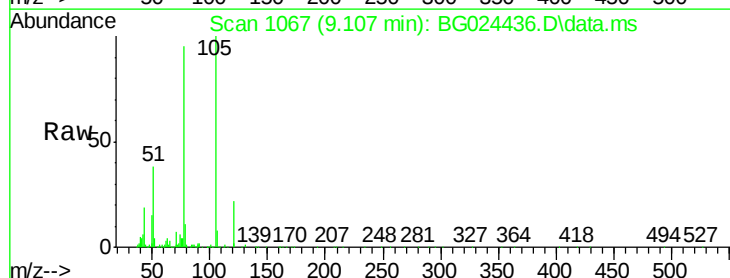
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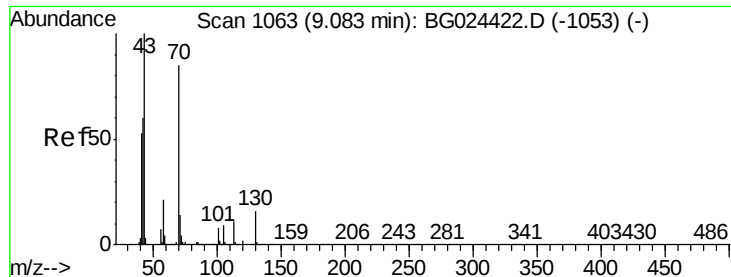
Tot Ion	Ratio	Lower	Upper
45	100		
77	12.5	10.0	15.0
79	8.7	7.3	10.9



#14
Acetophenone
Concen: 21.38 ng/ul
RT: 9.107 min Scan# 1067
Delta R.T. -0.005 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion	Ratio	Lower	Upper
105	100		
77	94.9	76.0	114.0
51	37.6	34.8	52.2

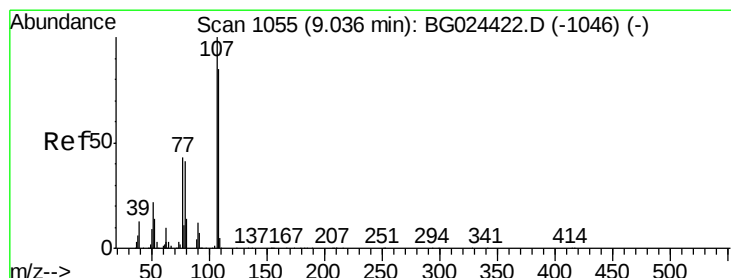
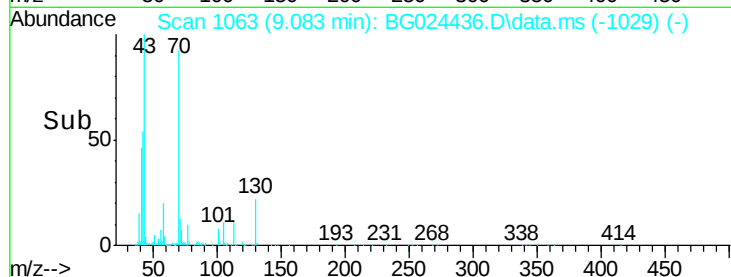
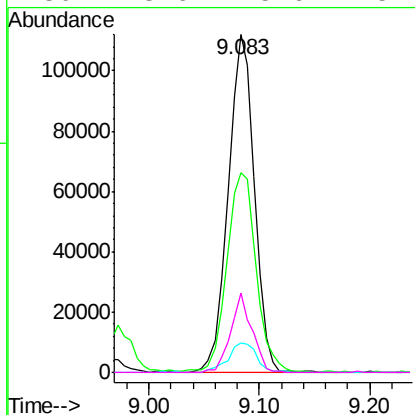
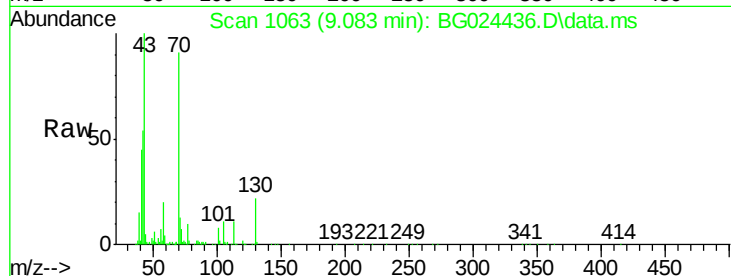




#15
N-Nitroso-di-n-propylamine
Concen: 20.81 ng/ul
RT: 9.083 min Scan# 1063
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

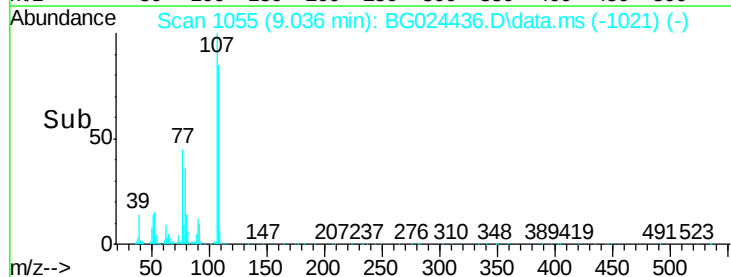
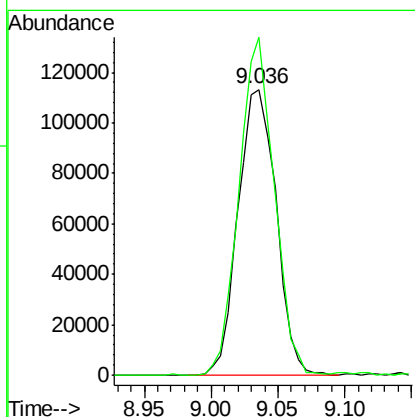
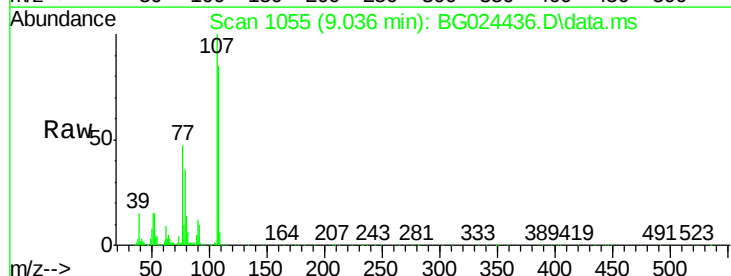
Instrument :
BNA_G
ClientSampleId :
SSTD02004

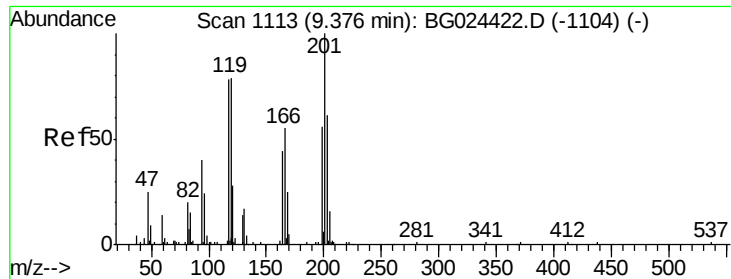
Tot Ion: 70 Resp: 186062
Ion Ratio Lower Upper
70 100
42 59.1 59.0 88.6
101 8.7 6.6 9.8
130 23.6 15.6 23.4#



#16
4-Methylphenol
Concen: 22.71 ng/ul
RT: 9.036 min Scan# 1055
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion: 108 Resp: 223635
Ion Ratio Lower Upper
108 100
107 118.1 91.7 137.5





#17

Hexachloroethane

Concen: 19.99 ng/ul

RT: 9.377 min Scan# 1113

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

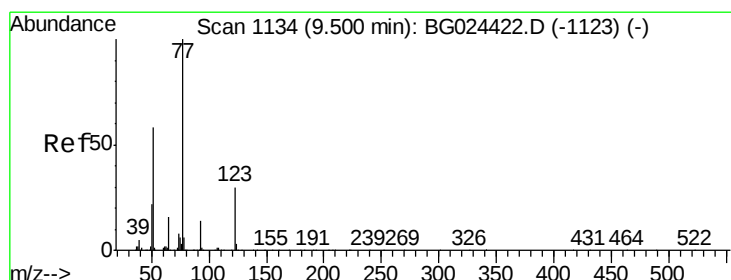
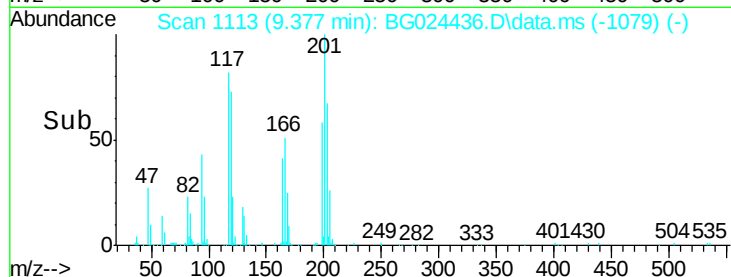
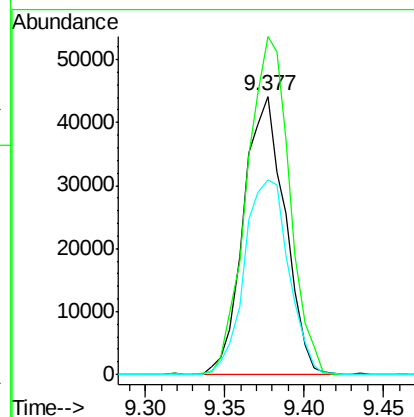
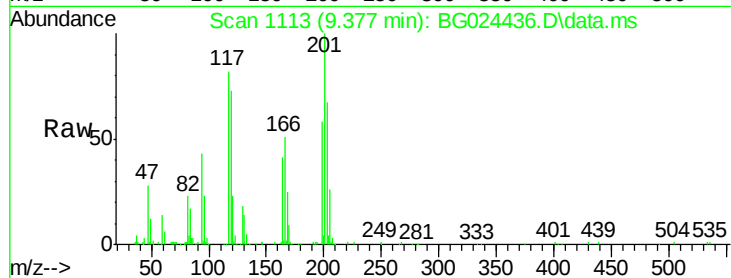
Tot Ion:117 Resp: 79705

Ion Ratio Lower Upper

117 100

201 121.6 91.9 137.9

199 70.1 64.3 96.5



#20

Nitrobenzene

Concen: 21.66 ng/ul

RT: 9.500 min Scan# 1134

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

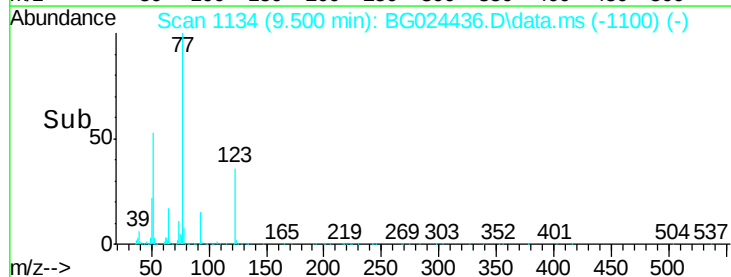
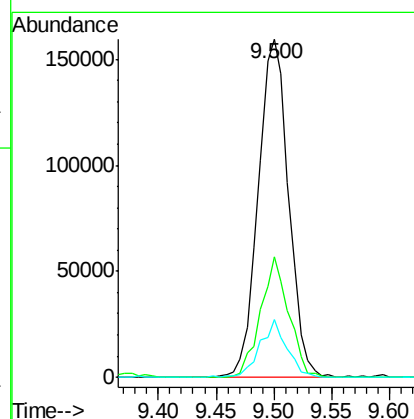
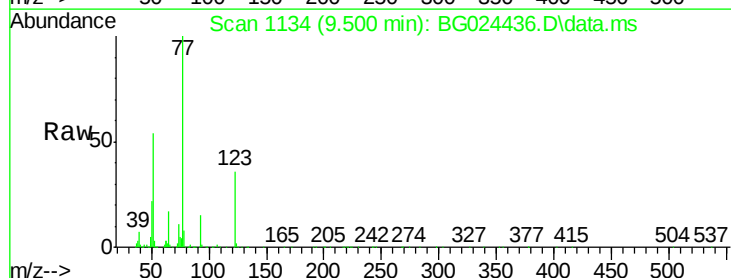
Tgt Ion: 77 Resp: 292154

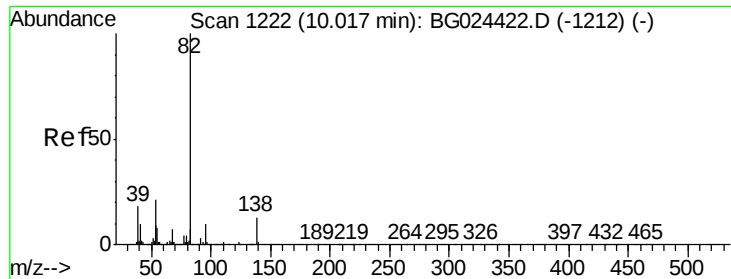
Ion Ratio Lower Upper

77 100

123 35.7 27.4 41.0

65 17.2 13.3 19.9





#21

Isophorone

Concen: 21.53 ng/ul

RT: 10.017 min Scan# 12

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

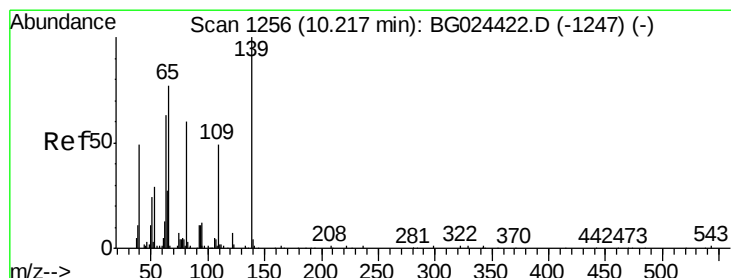
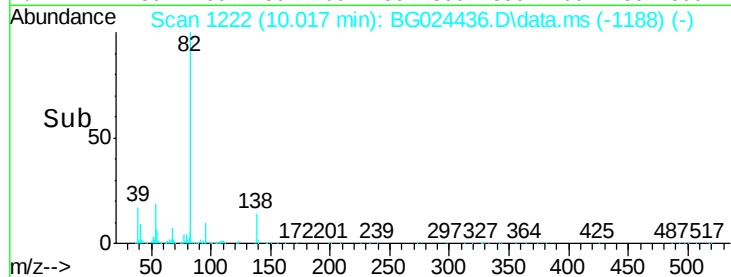
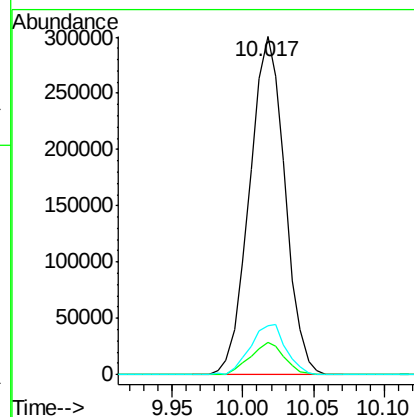
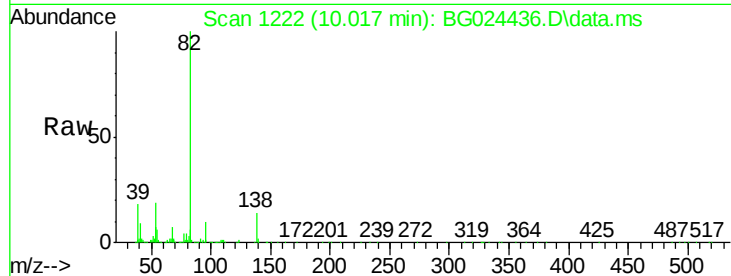
Tot Ion: 82 Resp: 527656

Ion Ratio Lower Upper

82 100

95 9.5 7.8 11.6

138 14.5 12.2 18.2



#23

2-Nitrophenol

Concen: 22.06 ng/ul

RT: 10.217 min Scan# 1256

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

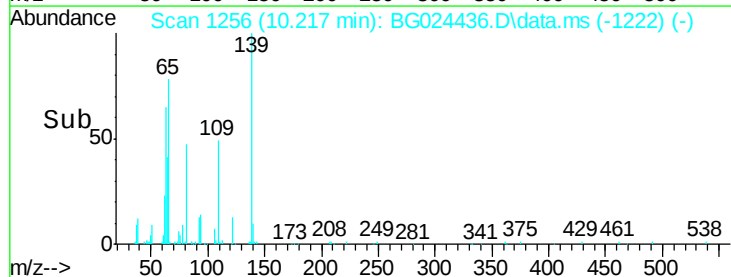
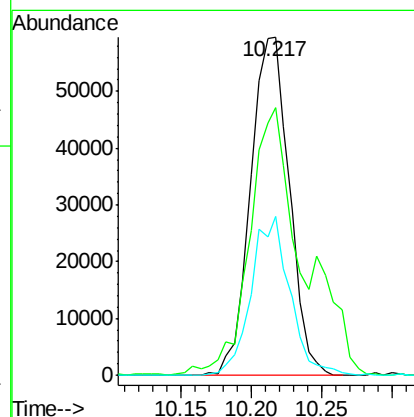
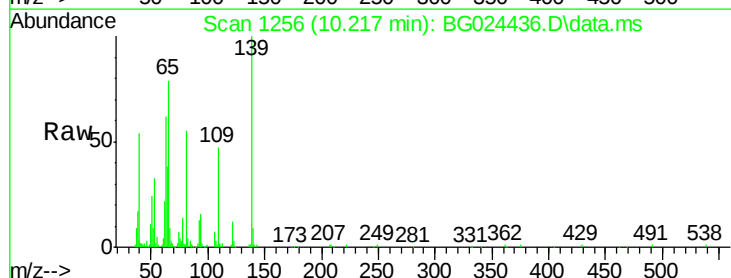
Tgt Ion: 139 Resp: 114629

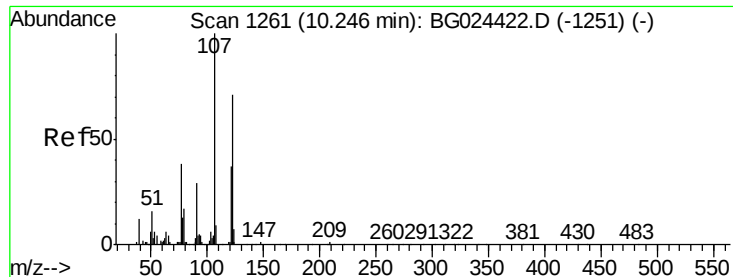
Ion Ratio Lower Upper

139 100

65 79.2 67.0 100.6

109 47.1 39.6 59.4

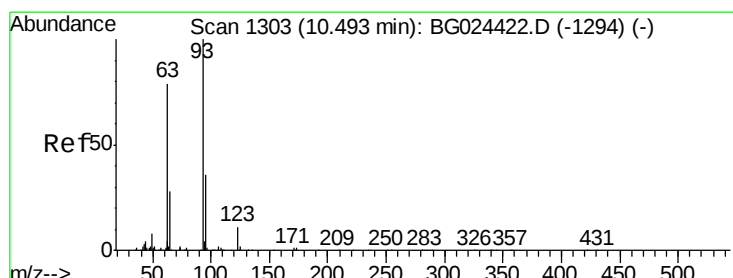
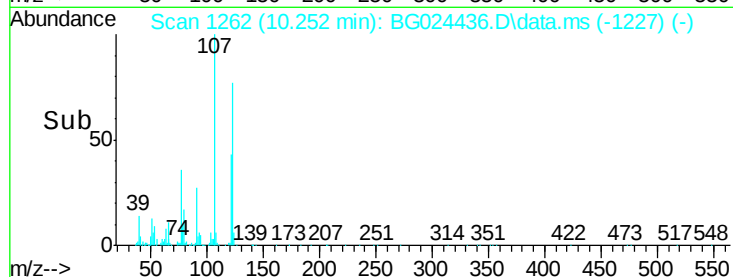
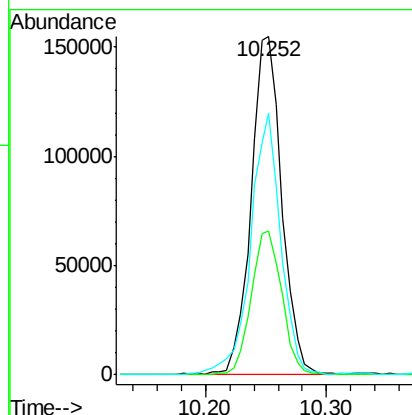
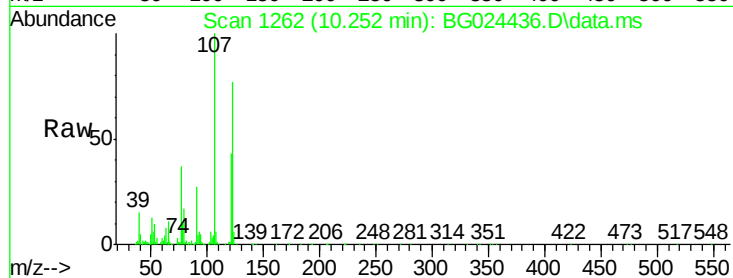




#24
2,4-Dimethylphenol
Concen: 21.32 ng/ul
RT: 10.252 min Scan# 12
Delta R.T. 0.006 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

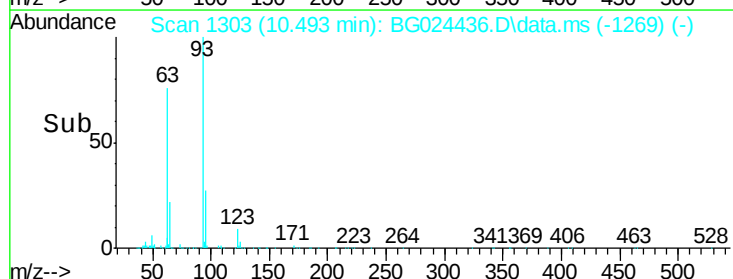
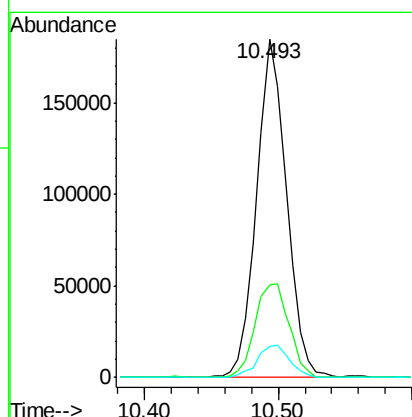
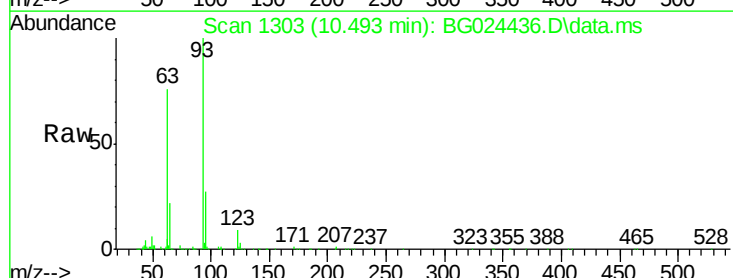
Instrument :
BNA_G
ClientSampleId :
SSTD02004

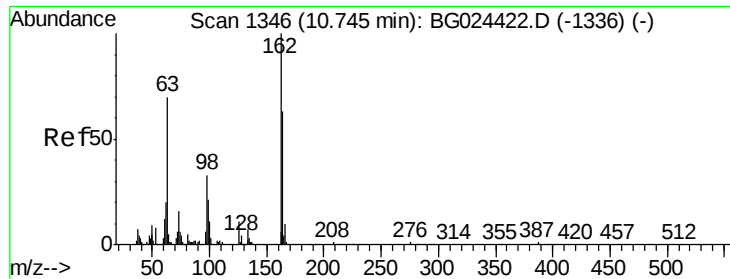
Tot Ion:107 Resp: 272968
Ion Ratio Lower Upper
107 100
121 42.6 32.3 48.5
122 77.4 61.2 91.8



#25
Bis(2-Chloroethoxy)methane
Concen: 21.19 ng/ul
RT: 10.493 min Scan# 1303
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion: 93 Resp: 284674
Ion Ratio Lower Upper
93 100
95 27.4 23.4 35.0
123 9.2 7.8 11.6

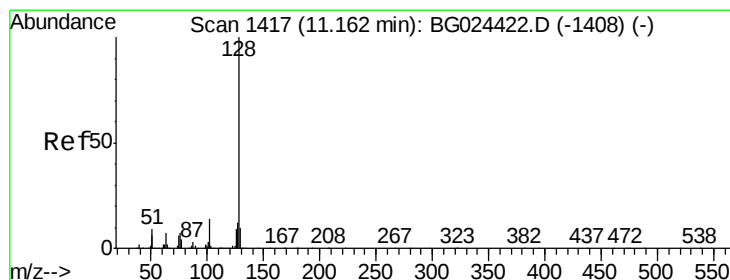
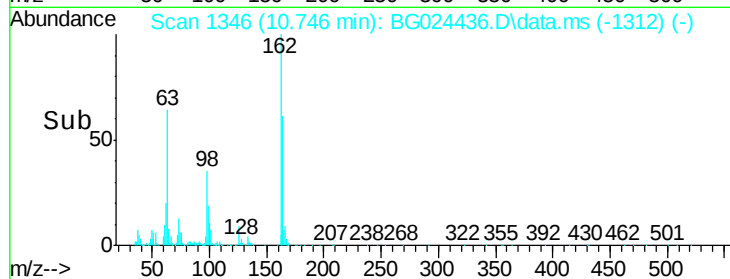
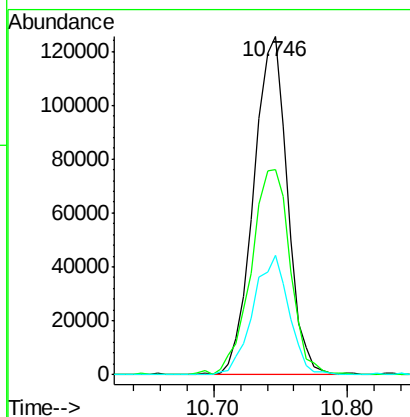
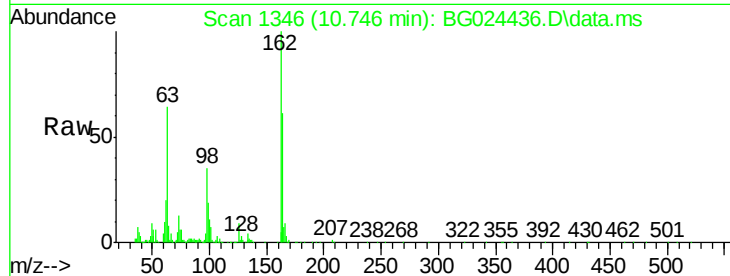




#27
 2,4-Dichlorophenol
 Concen: 22.00 ng/ul
 RT: 10.746 min Scan# 1346
 Delta R.T. 0.001 min
 Lab File: BG024436.D
 Acq: 19 Oct 2016 10:26

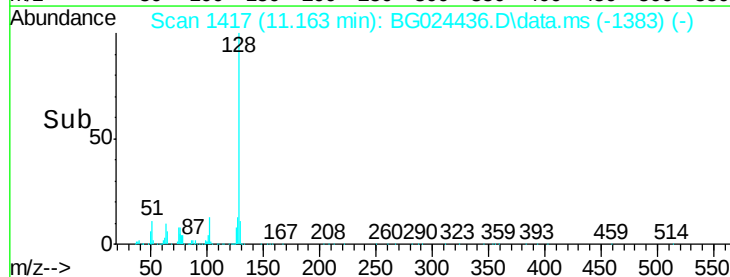
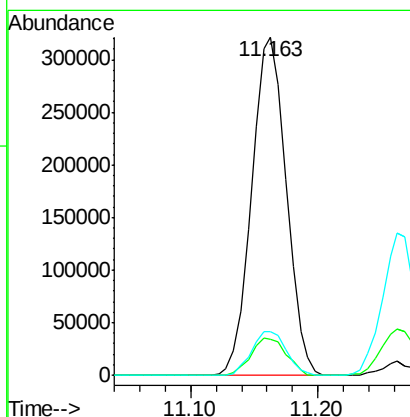
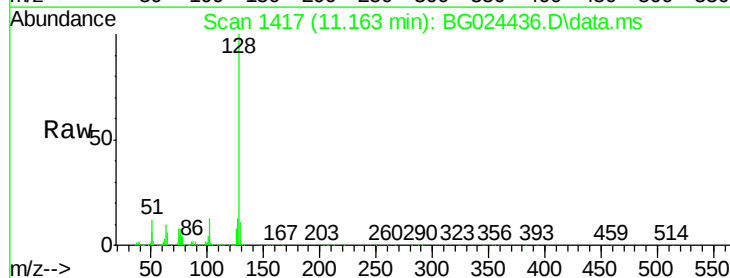
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02004

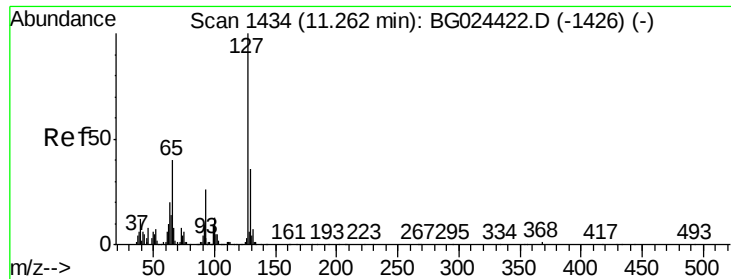
Tot Ion:	162	Resp:	219020
Ion Ratio	Lower	Upper	
162	100		
164	60.5	50.8	76.2
98	35.2	32.1	48.1



#28
 Naphthalene
 Concen: 21.05 ng/ul
 RT: 11.163 min Scan# 1417
 Delta R.T. 0.001 min
 Lab File: BG024436.D
 Acq: 19 Oct 2016 10:26

Tgt Ion:	128	Resp:	608774
Ion Ratio	Lower	Upper	
128	100		
129	10.6	9.4	14.2
127	13.1	10.3	15.5

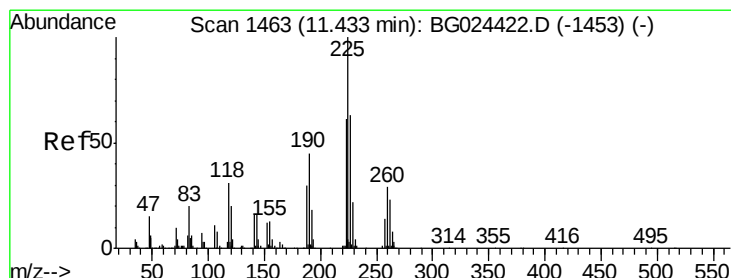
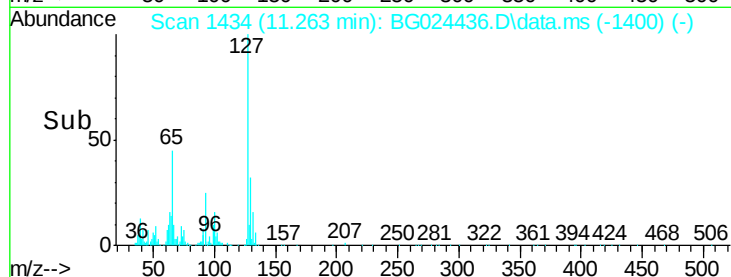
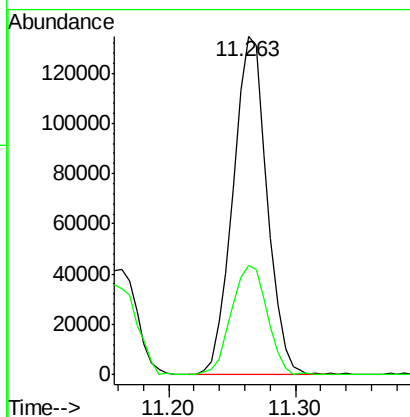
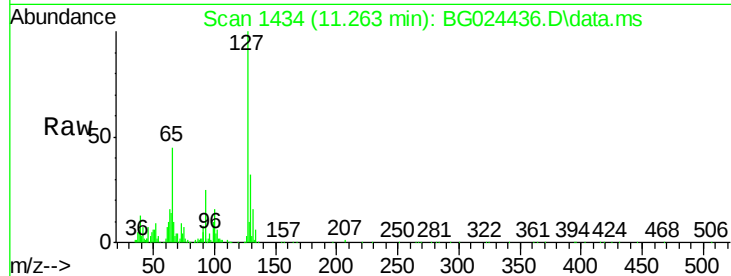




#30
4-Chloroaniline
Concen: 22.52 ng/ul
RT: 11.263 min Scan# 1434
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

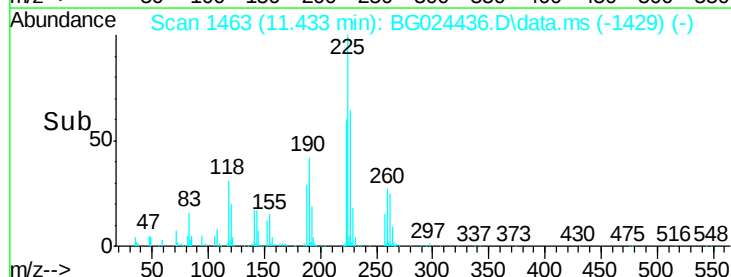
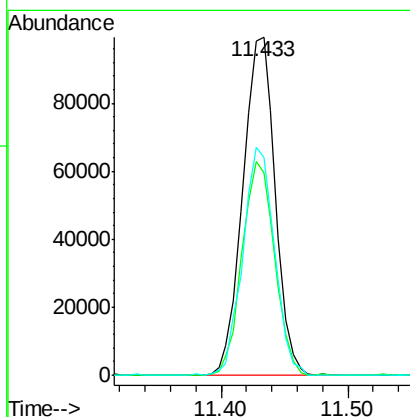
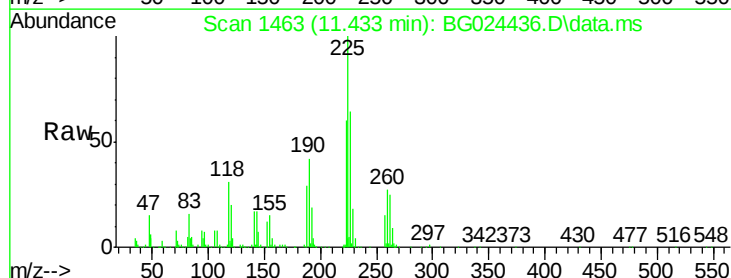
Instrument :
BNA_G
ClientSampleId :
SSTD02004

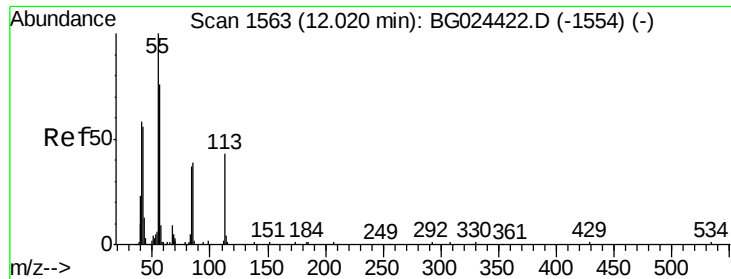
Tot Ion:127 Resp: 249377
Ion Ratio Lower Upper
127 100
129 32.2 28.9 43.3



#31
Hexachlorobutadiene
Concen: 22.14 ng/ul
RT: 11.433 min Scan# 1463
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion:225 Resp: 176517
Ion Ratio Lower Upper
225 100
223 57.4 45.9 68.9
227 61.4 44.7 67.1





#32

Caprolactam

Concen: 20.46 ng/ul

RT: 12.021 min Scan# 15

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

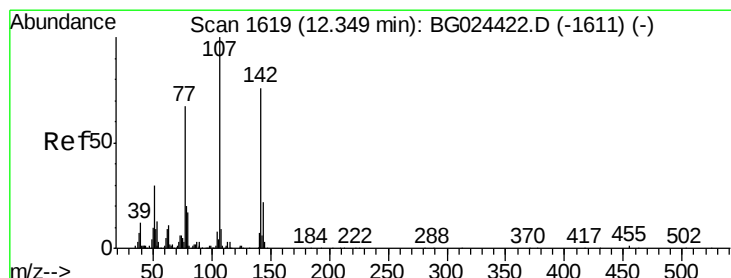
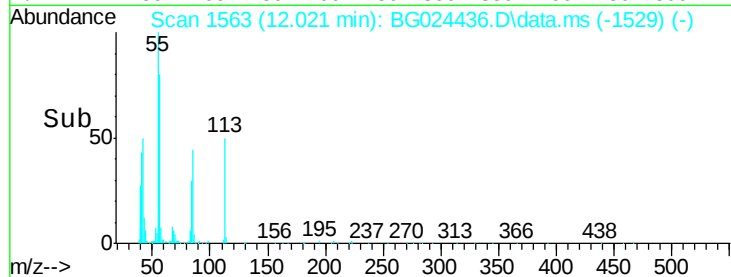
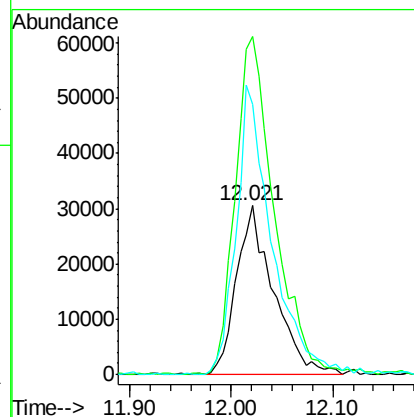
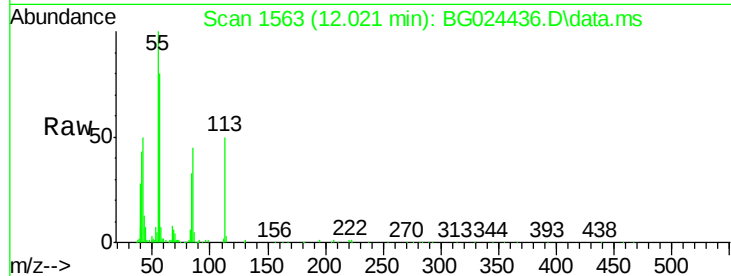
Tot Ion:113 Resp: 77443

Ion Ratio Lower Upper

113 100

55 200.3 168.6 252.8

56 159.9 128.5 192.7



#33

4-Chloro-3-methylphenol

Concen: 21.87 ng/ul

RT: 12.350 min Scan# 1619

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

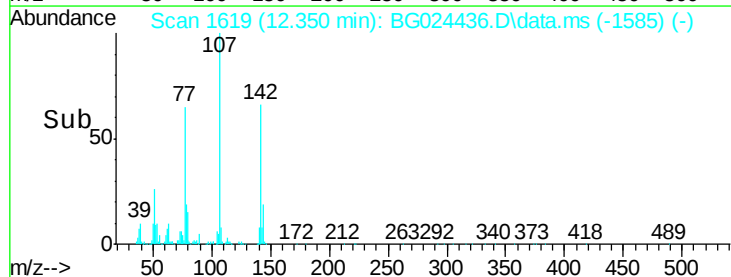
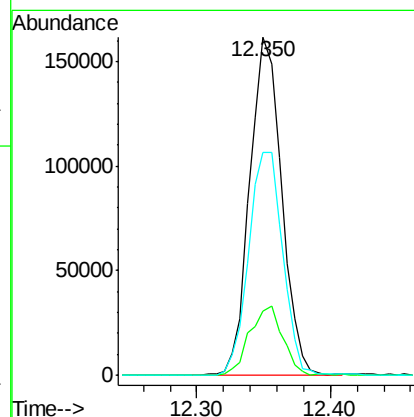
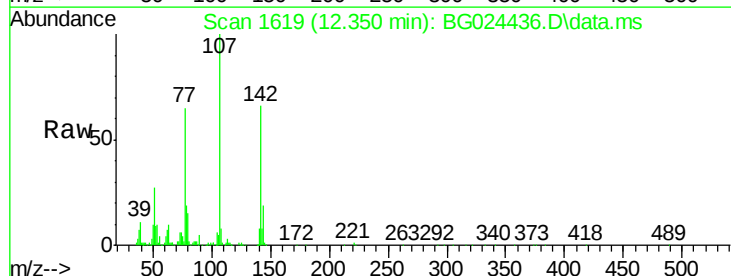
Tgt Ion:107 Resp: 266460

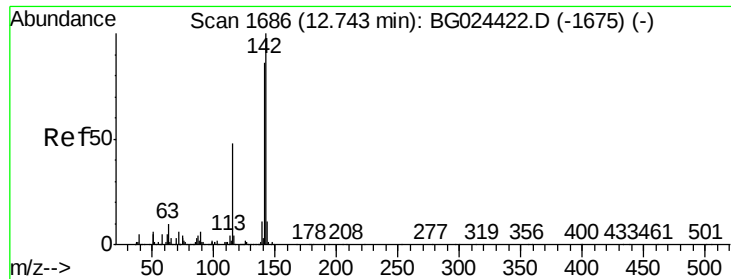
Ion Ratio Lower Upper

107 100

144 19.1 18.2 27.4

142 66.0 55.0 82.4

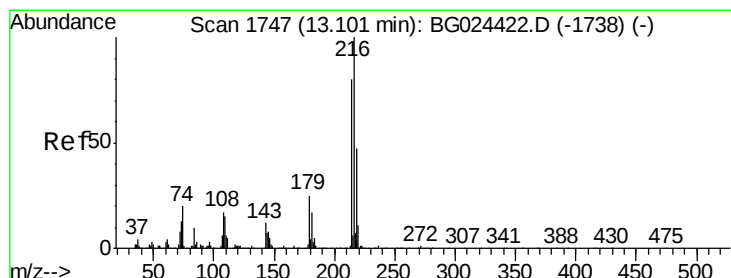
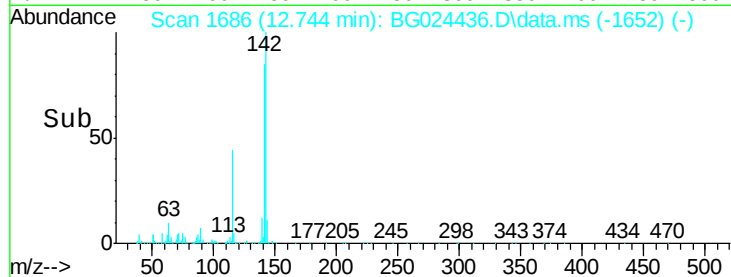
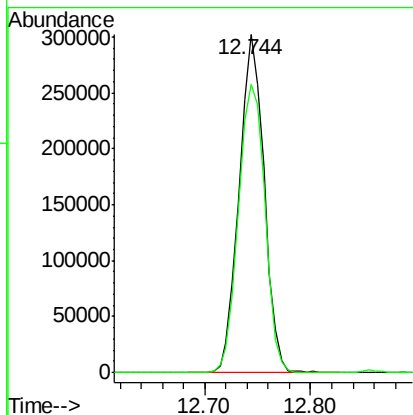
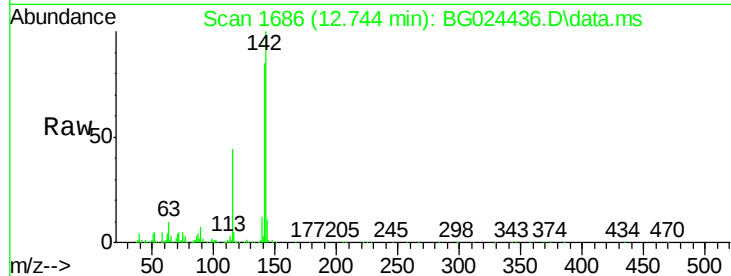




#34
2-Methylnaphthalene
Concen: 21.39 ng/ul
RT: 12.744 min Scan# 16
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

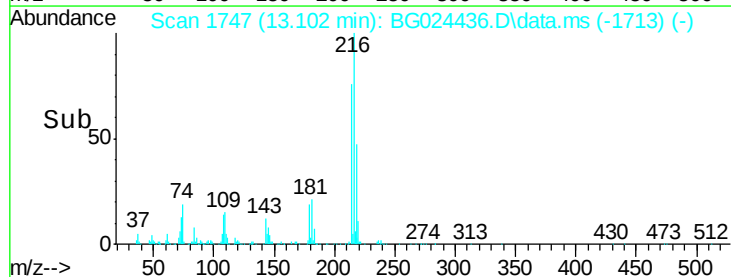
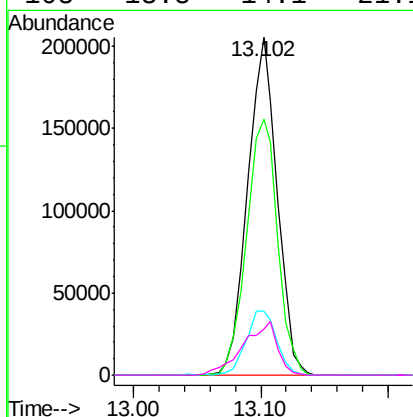
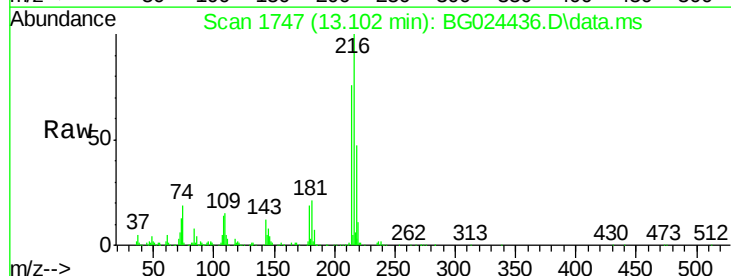
Instrument :
BNA_G
ClientSampleId :
SSTD02004

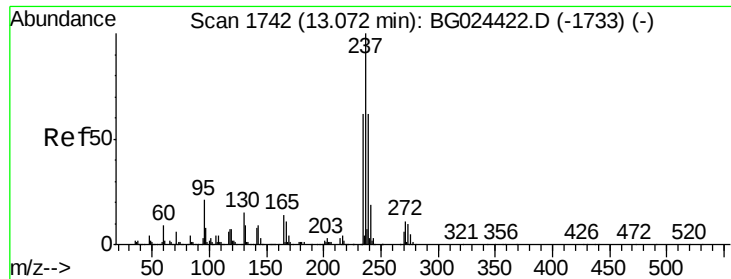
Tot Ion:142 Resp: 491703
Ion Ratio Lower Upper
142 100
141 85.3 68.6 102.8



#36
1,2,4,5-Tetrachlorobenzene
Concen: 23.18 ng/ul
RT: 13.102 min Scan# 1747
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion:216 Resp: 333499
Ion Ratio Lower Upper
216 100
214 75.9 67.0 100.6
179 18.9 18.1 27.1
108 13.8 14.1 21.1#





#37

Hexachlorocyclopentadiene

Concen: 19.77 ng/ul

RT: 13.073 min Scan# 17

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

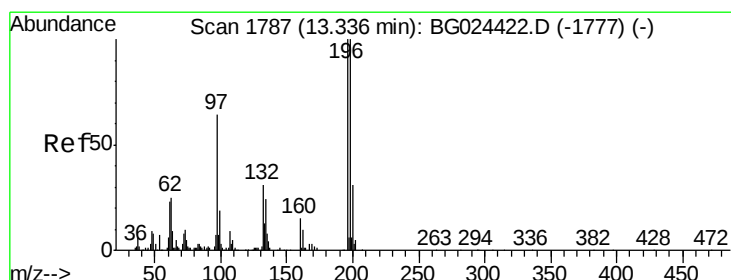
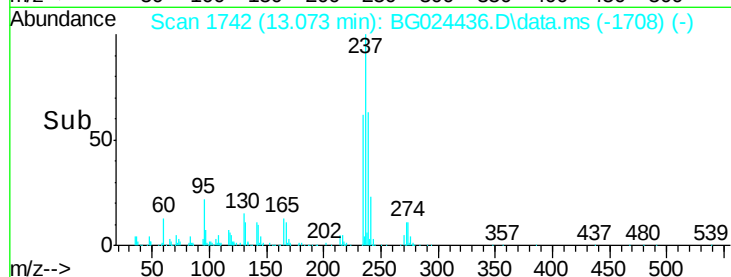
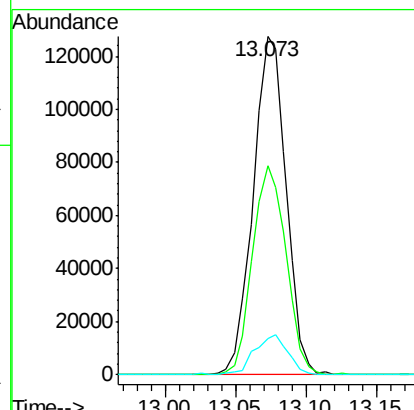
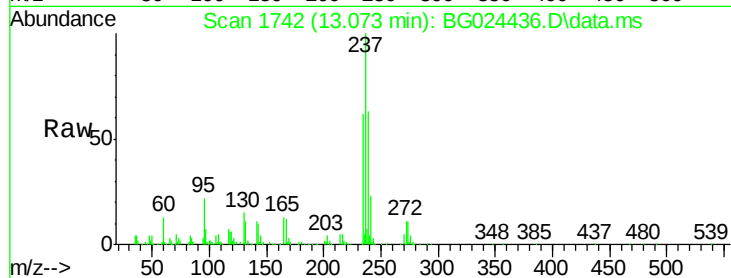
Tot Ion:237 Resp: 208623

Ion Ratio Lower Upper

237 100

235 61.8 50.2 75.4

272 10.8 10.6 16.0



#38

2,4,6-Trichlorophenol

Concen: 22.69 ng/ul

RT: 13.331 min Scan# 1786

Delta R.T. -0.005 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

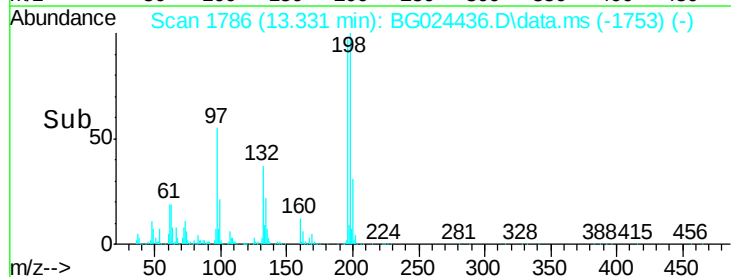
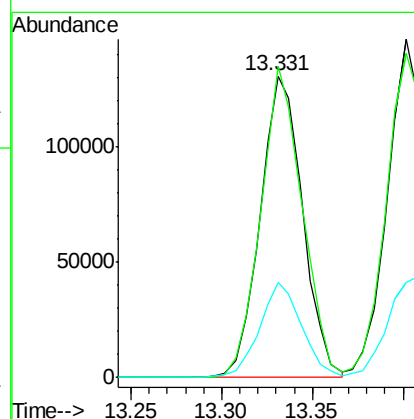
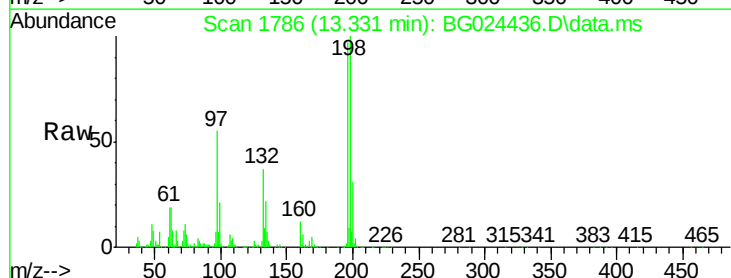
Tgt Ion:196 Resp: 211645

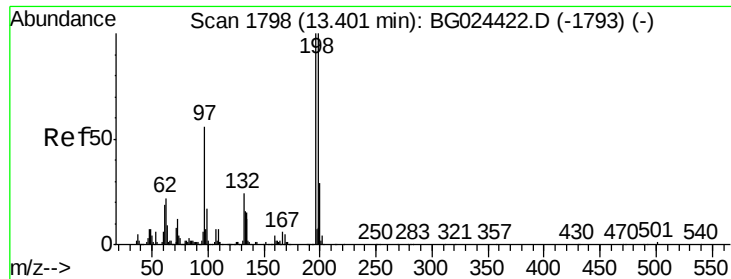
Ion Ratio Lower Upper

196 100

198 103.3 71.4 107.2

200 31.7 24.6 37.0

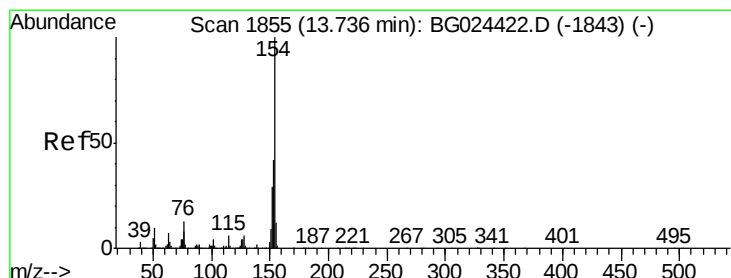
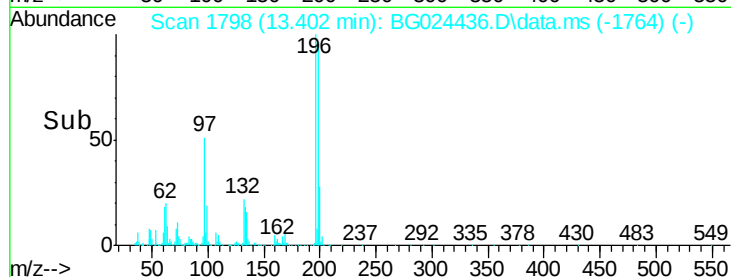
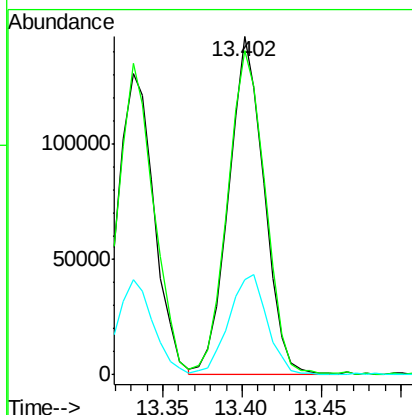
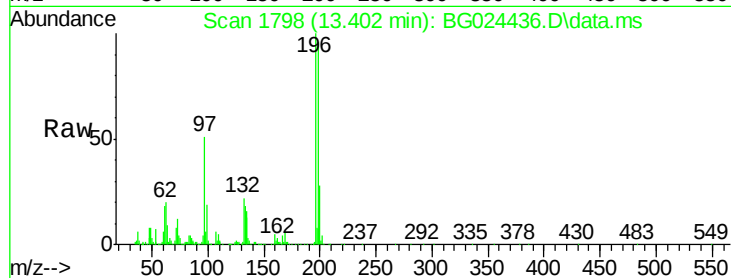




#39
 2,4,5-Trichlorophenol
 Concen: 22.09 ng/ul
 RT: 13.402 min Scan# 1798
 Delta R.T. 0.001 min
 Lab File: BG024436.D
 Acq: 19 Oct 2016 10:26

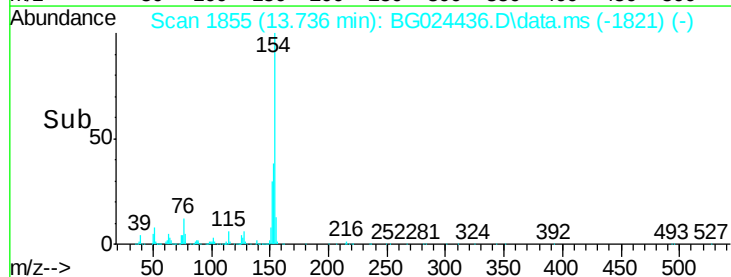
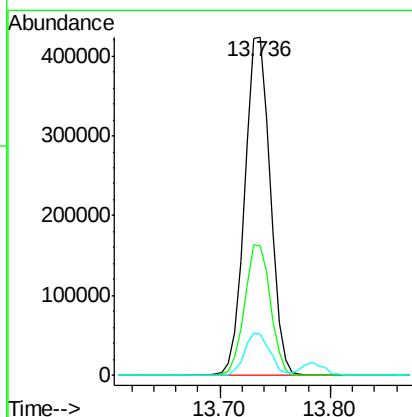
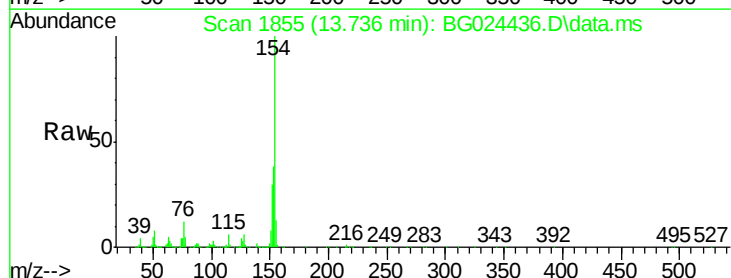
Instrument :
 BNA_G
 ClientSampleId :
 SSTD02004

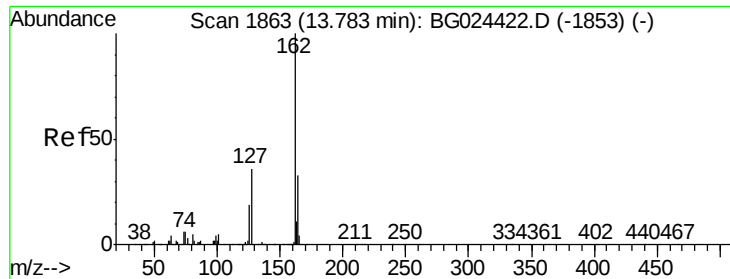
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.9	78.6	118.0
200	28.0	27.3	40.9



#40
 1,1'-Biphenyl
 Concen: 21.76 ng/ul
 RT: 13.736 min Scan# 1855
 Delta R.T. 0.001 min
 Lab File: BG024436.D
 Acq: 19 Oct 2016 10:26

Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.3	32.2	48.2
76	12.1	9.6	14.4

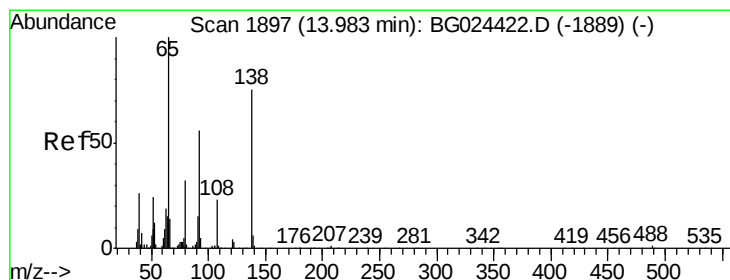
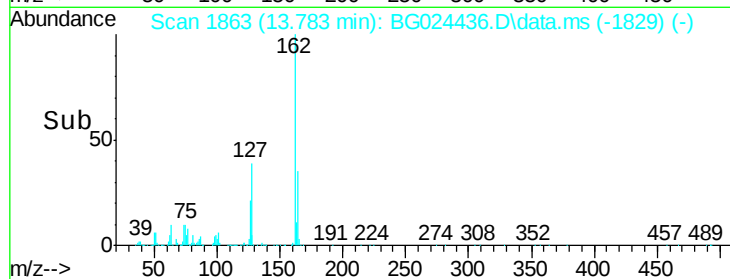
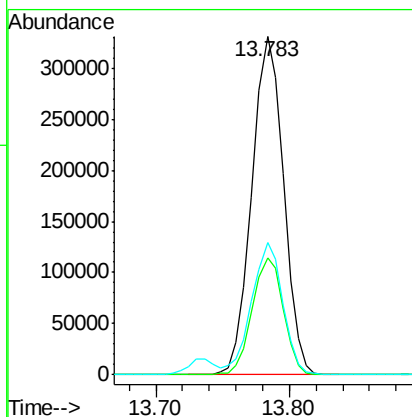
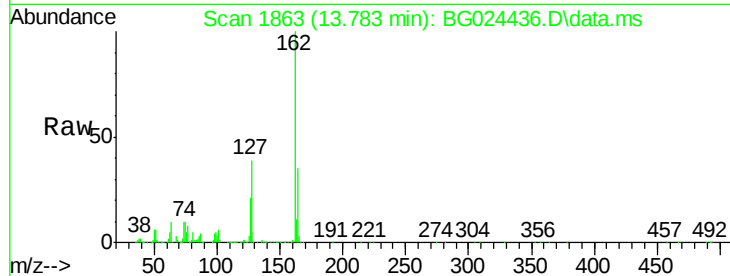




#41
2-Chloronaphthalene
Concen: 21.87 ng/ul
RT: 13.783 min Scan# 1863
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

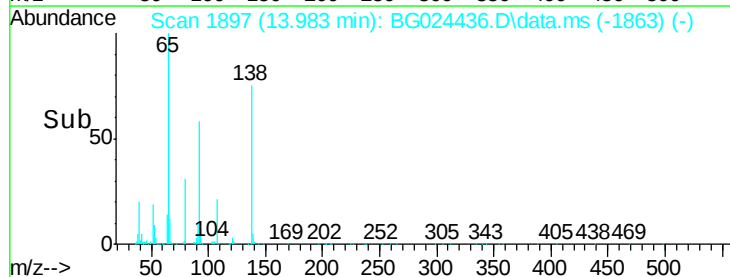
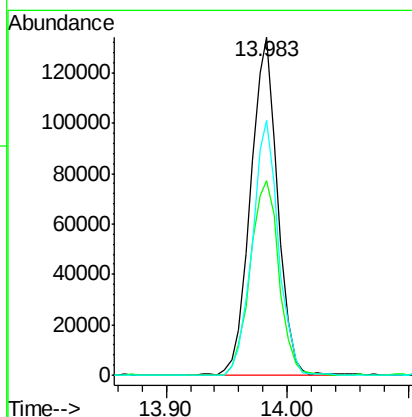
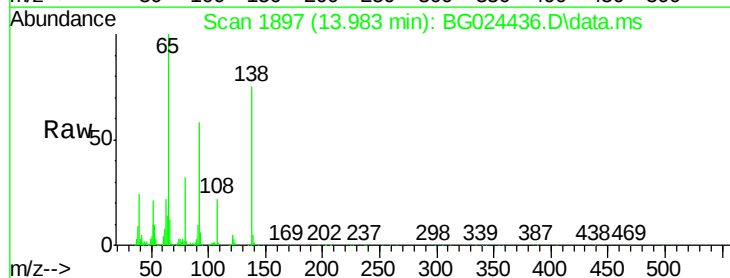
Instrument :
BNA_G
ClientSampleId :
SSTD02004

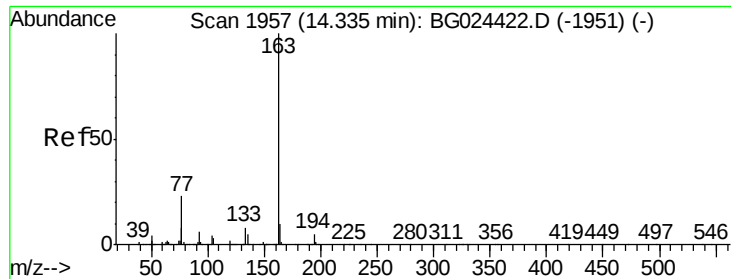
Tot Ion	Ratio	Lower	Upper
162	100		
164	34.5	25.0	37.6
127	39.2	30.7	46.1



#42
2-Nitroaniline
Concen: 22.12 ng/ul
RT: 13.983 min Scan# 1897
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	57.5	50.9	76.3
138	75.2	61.8	92.6

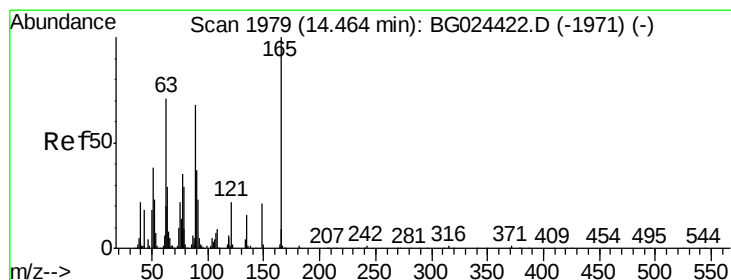
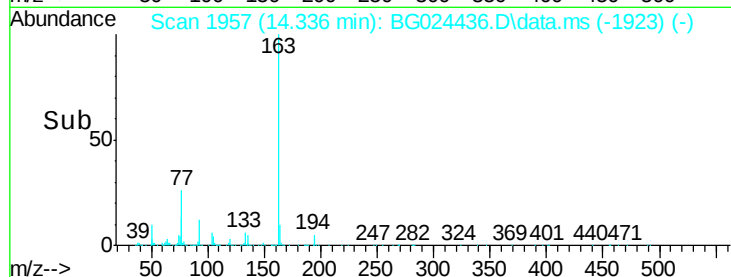
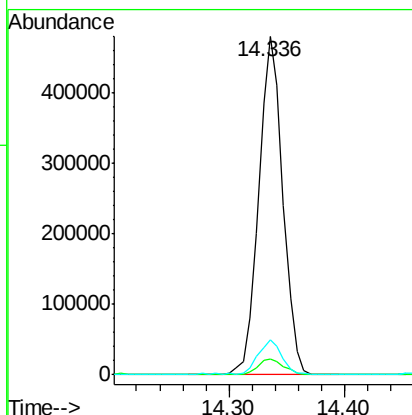
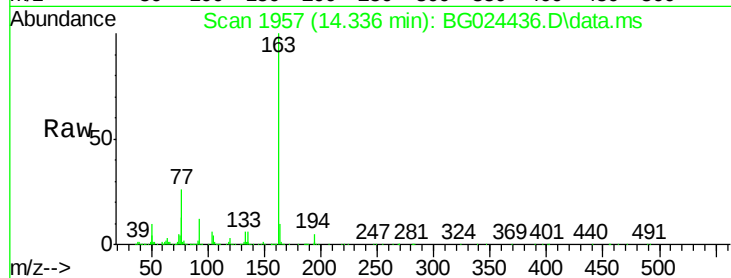




#44
Dimethylphthalate
Concen: 20.85 ng/ul
RT: 14.336 min Scan# 1957
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

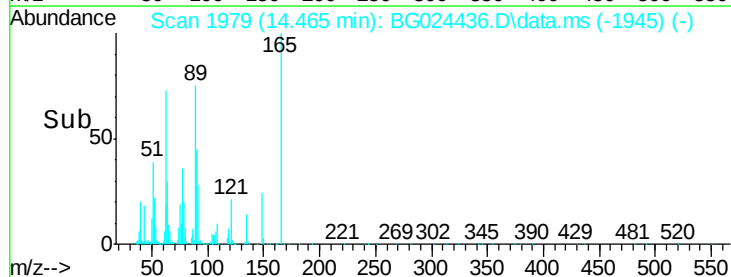
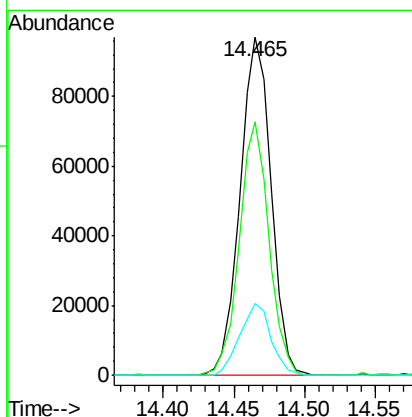
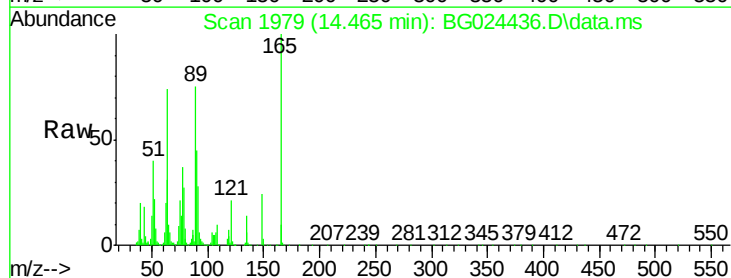
Instrument :
BNA_G
ClientSampleId :
SSTD02004

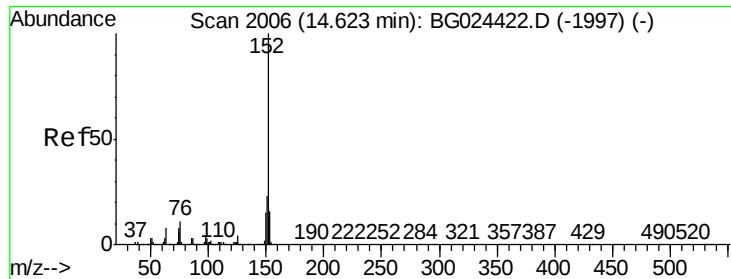
Tot Ion	Ratio	Lower	Upper
163	100		
194	4.7	3.4	5.0
164	10.1	9.0	13.4



#45
2,6-Dinitrotoluene
Concen: 22.93 ng/ul
RT: 14.465 min Scan# 1979
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion	Ratio	Lower	Upper
165	100		
89	75.2	52.9	79.3
121	21.1	22.2	33.4





#47

Acenaphthylene

Concen: 21.77 ng/ul

RT: 14.624 min Scan# 20

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

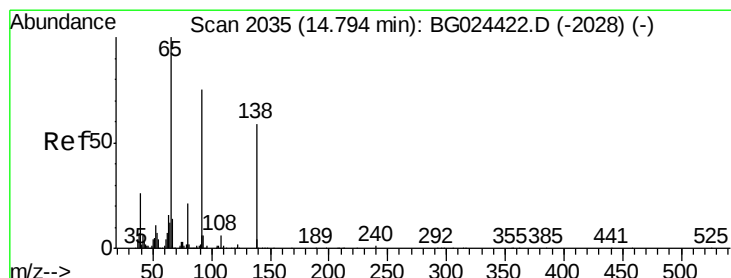
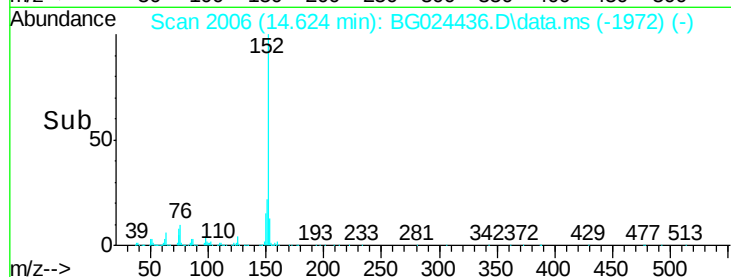
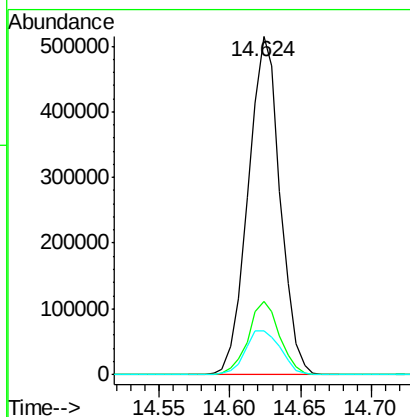
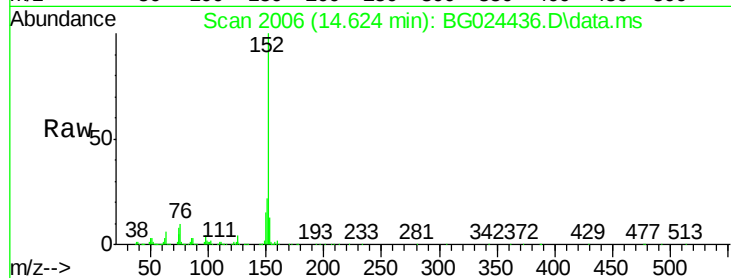
Tot Ion:152 Resp: 817379

Ion Ratio Lower Upper

152 100

151 21.6 16.7 25.1

153 13.0 11.4 17.2



#48

3-Nitroaniline

Concen: 22.33 ng/ul

RT: 14.794 min Scan# 2035

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

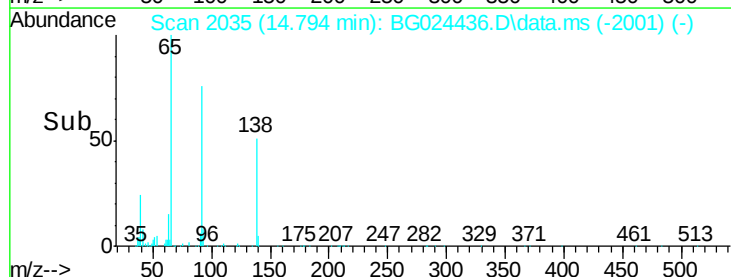
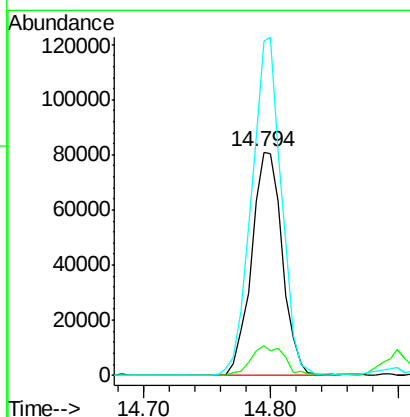
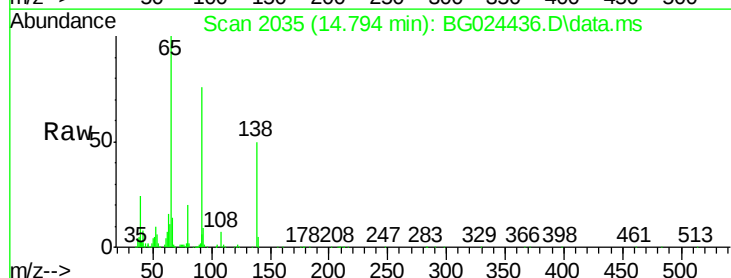
Tgt Ion:138 Resp: 136697

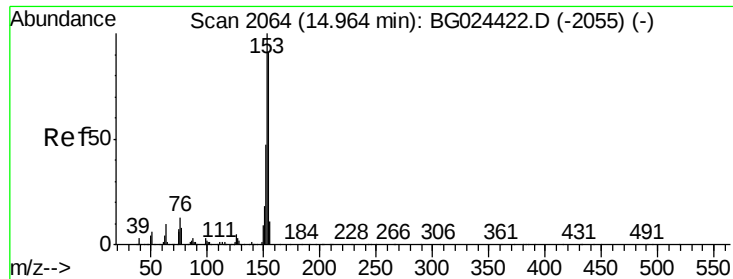
Ion Ratio Lower Upper

138 100

108 13.2 6.3 9.5#

92 150.0 106.4 159.6





#49

Acenaphthene

Concen: 20.92 ng/ul

RT: 14.959 min Scan# 20

Delta R.T. -0.005 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

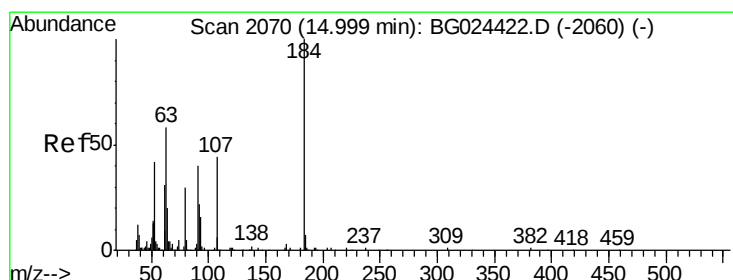
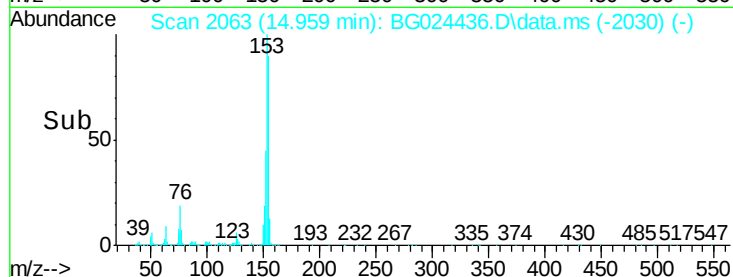
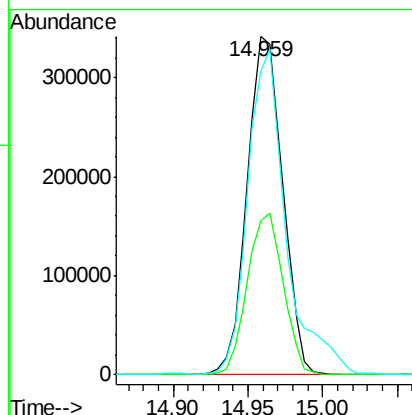
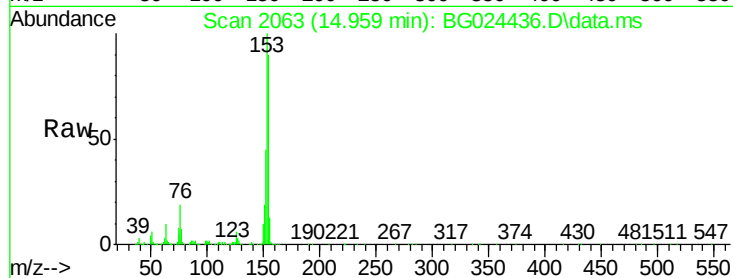
Tot Ion:153 Resp: 561449

Ion Ratio Lower Upper

153 100

152 45.4 36.5 54.7

154 89.9 72.3 108.5



#50

2,4-Dinitrophenol

Concen: 19.07 ng/ul

RT: 14.994 min Scan# 2069

Delta R.T. -0.005 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

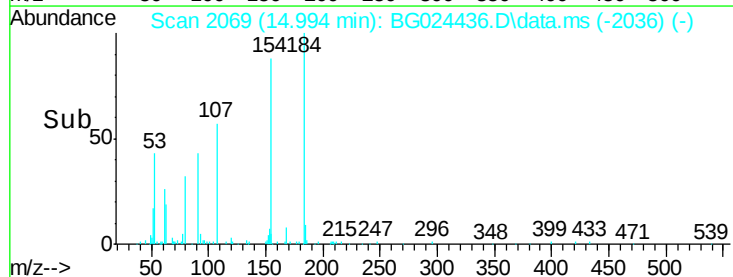
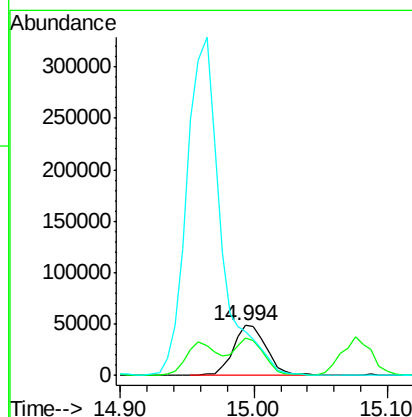
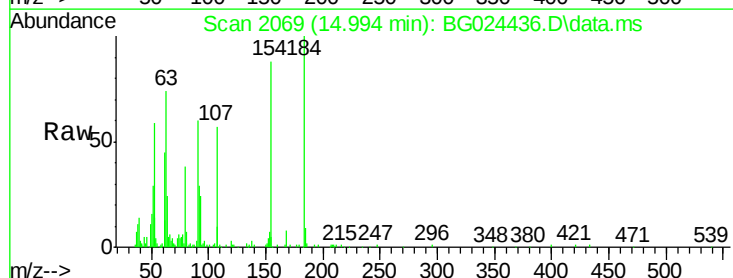
Tgt Ion:184 Resp: 82914

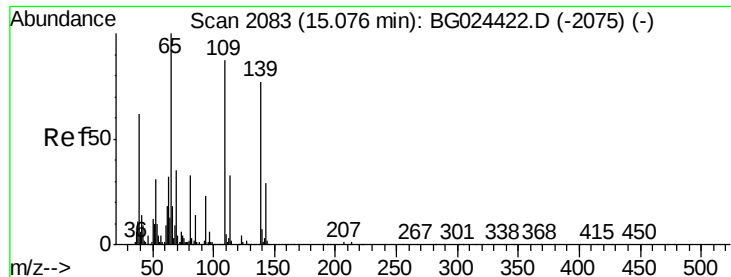
Ion Ratio Lower Upper

184 100

63 74.2 65.1 97.7

154 87.8 68.2 102.4





#52

4-Nitrophenol

Concen: 20.58 ng/ul

RT: 15.082 min Scan# 20

Delta R.T. 0.006 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

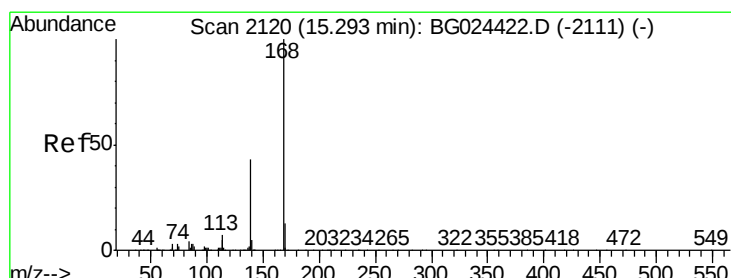
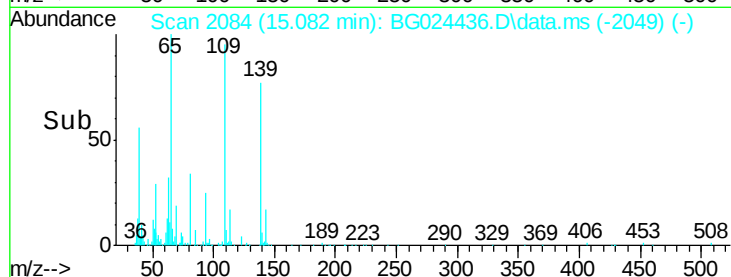
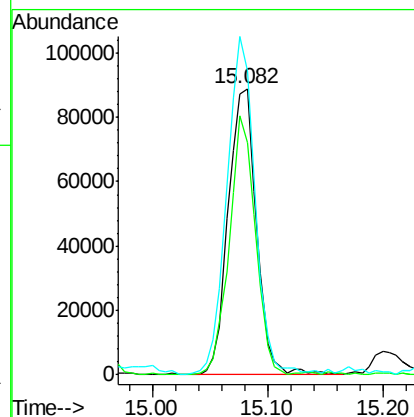
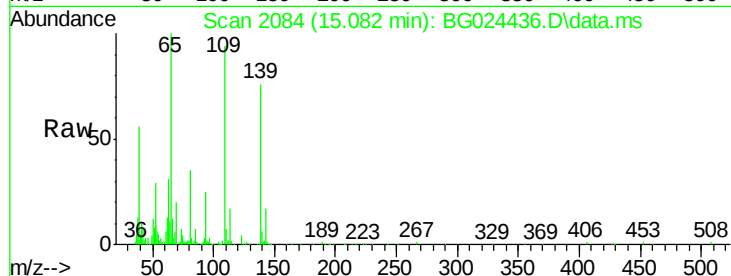
Tot Ion:109 Resp: 150618

Ion Ratio Lower Upper

109 100

139 81.0 62.6 93.8

65 106.2 90.4 135.6



#53

Dibenzofuran

Concen: 21.40 ng/ul

RT: 15.293 min Scan# 2120

Delta R.T. 0.001 min

Lab File: BG024436.D

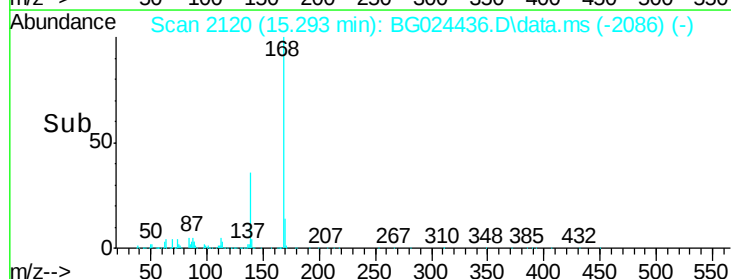
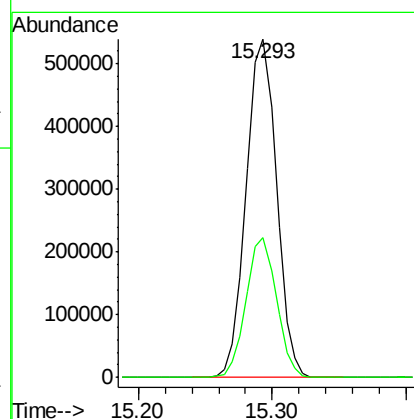
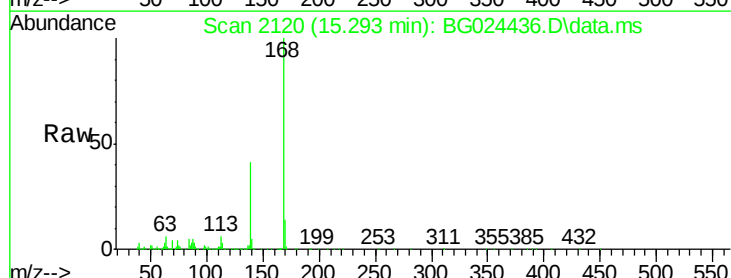
Acq: 19 Oct 2016 10:26

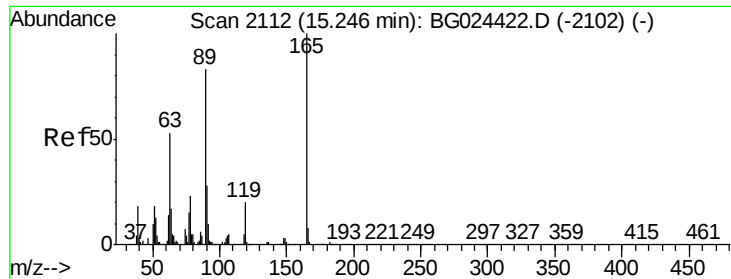
Tgt Ion:168 Resp: 845566

Ion Ratio Lower Upper

168 100

139 41.5 33.8 50.8

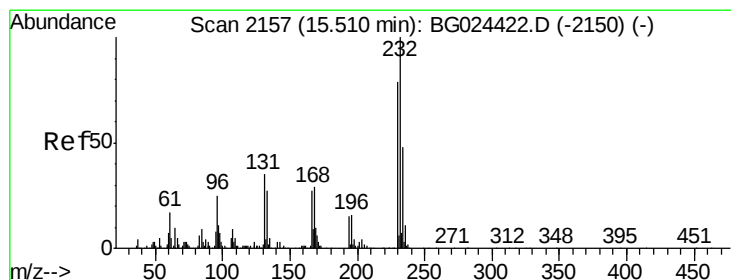
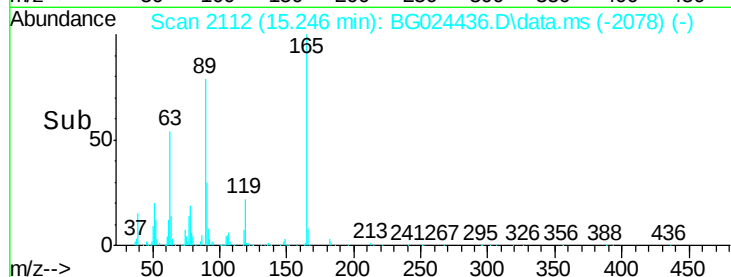
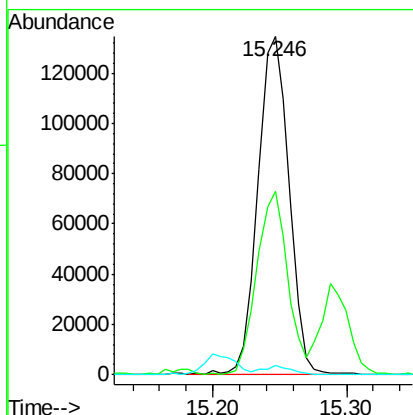
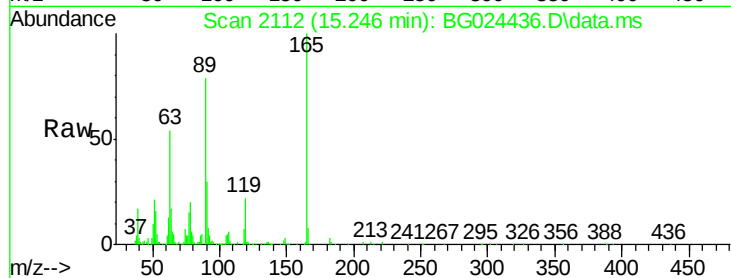




#54
2,4-Dinitrotoluene
Concen: 22.44 ng/ul
RT: 15.246 min Scan# 2112
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

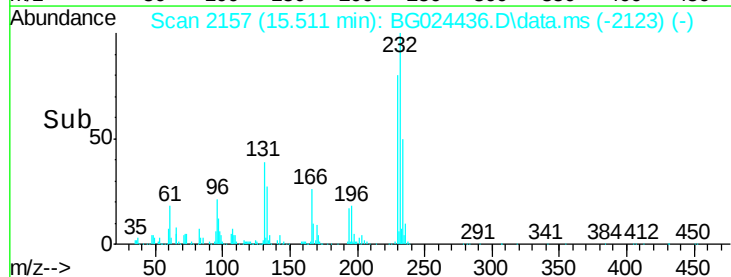
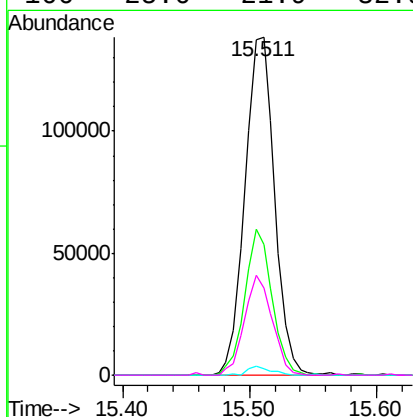
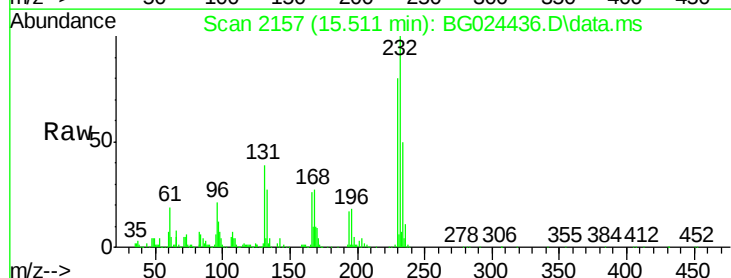
Instrument :
BNA_G
ClientSampleId :
SSTD02004

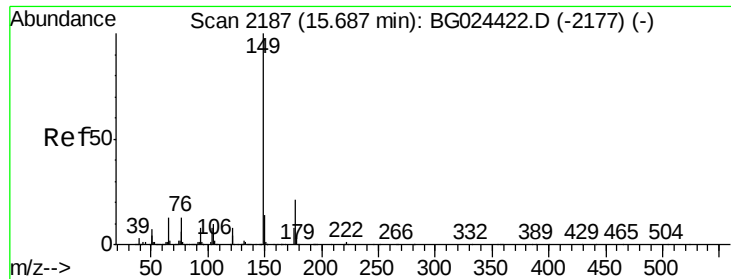
Tot Ion:165 Resp: 215531
Ion Ratio Lower Upper
165 100
63 54.0 46.8 70.2
182 2.7 1.8 2.6#



#55
2,3,4,6-Tetrachlorophenol
Concen: 22.43 ng/ul
RT: 15.511 min Scan# 2157
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion:232 Resp: 225693
Ion Ratio Lower Upper
232 100
131 38.7 33.3 49.9
130 2.0 1.8 2.6
166 25.6 21.9 32.9

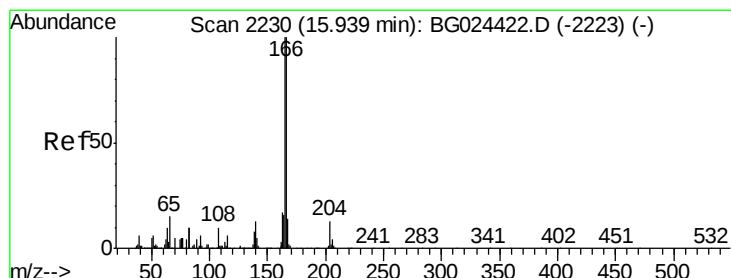
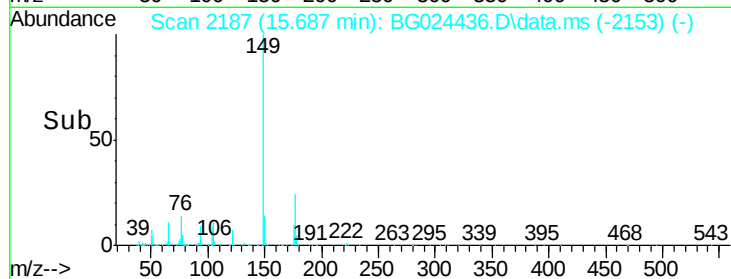
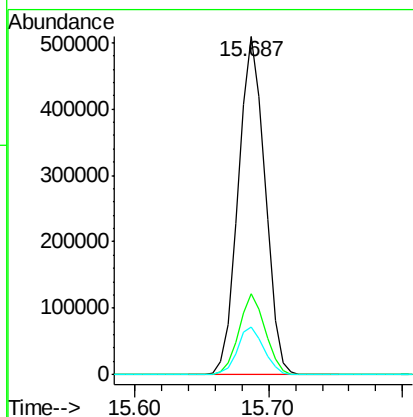
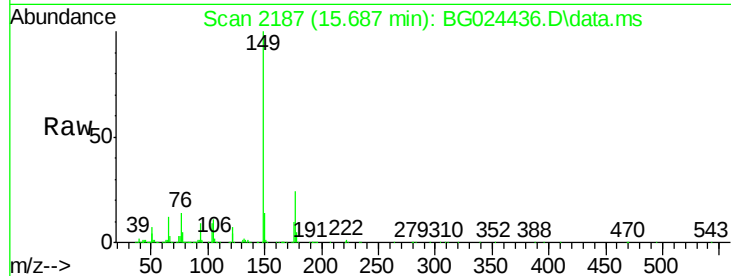




#56
Diethylphthalate
Concen: 20.03 ng/ul
RT: 15.687 min Scan# 21
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

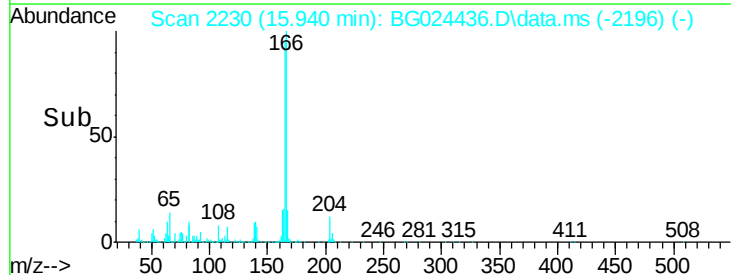
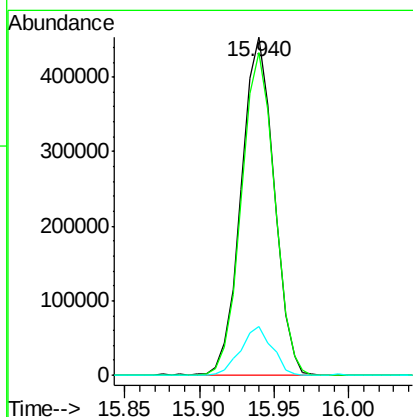
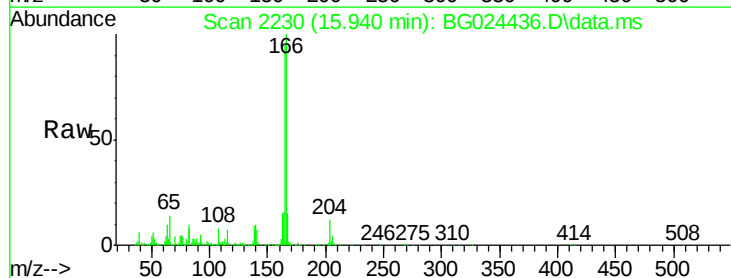
Instrument :
BNA_G
ClientSampleId :
SSTD02004

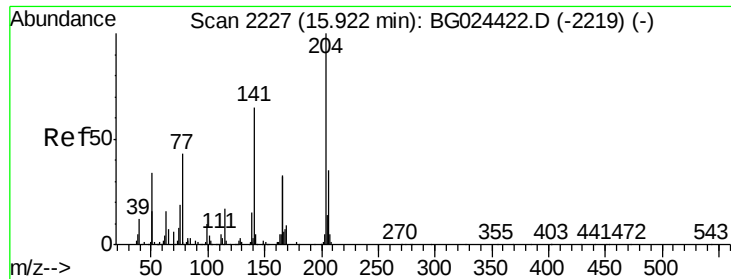
Tot Ion	Ratio	Lower	Upper
149	100		
177	24.0	17.8	26.8
150	14.1	10.2	15.4



#58
Fluorene
Concen: 21.10 ng/ul
RT: 15.940 min Scan# 2230
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion	Ratio	Lower	Upper
166	100		
165	95.3	79.7	119.5
167	14.5	11.4	17.2

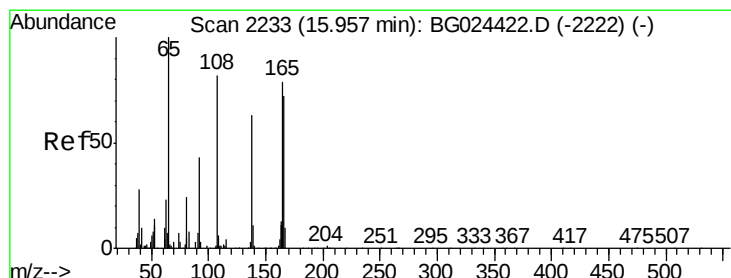
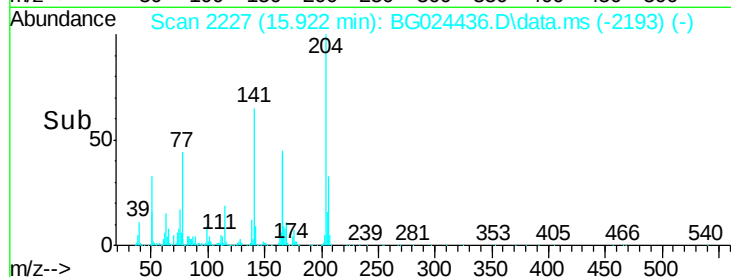
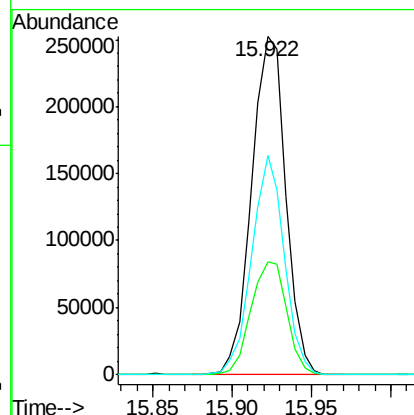
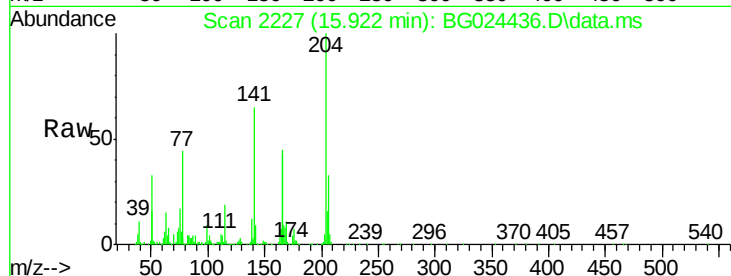




#59
4-Chlorophenyl-phenylether
Concen: 20.84 ng/ul
RT: 15.922 min Scan# 2227
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

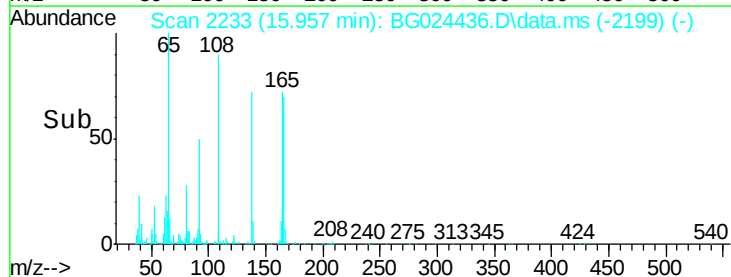
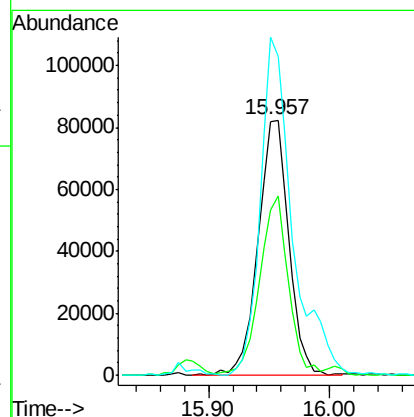
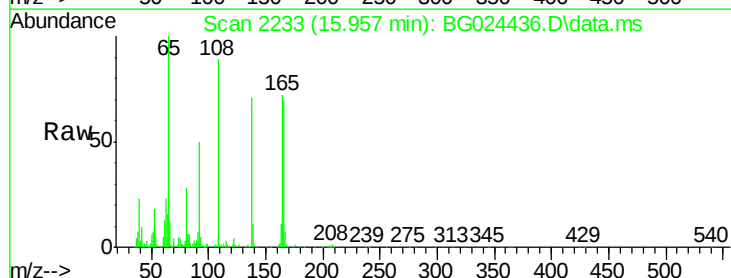
Instrument :
BNA_G
ClientSampleId :
SSTD02004

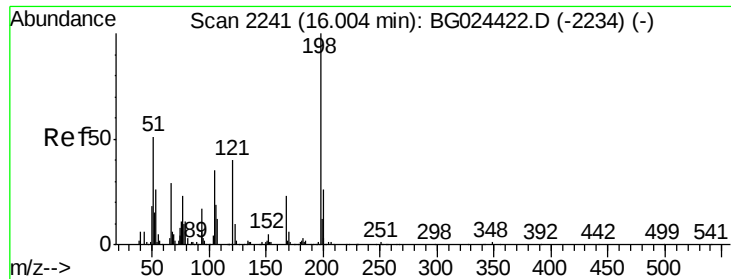
Tot Ion	Ratio	Lower	Upper
204	100		
206	33.4	32.3	48.5
141	64.8	57.5	86.3



#60
4-Nitroaniline
Concen: 20.61 ng/ul
RT: 15.957 min Scan# 2233
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	70.1	56.9	85.3
108	125.1	104.9	157.3

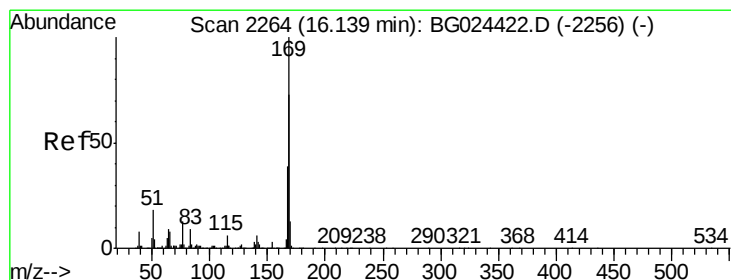
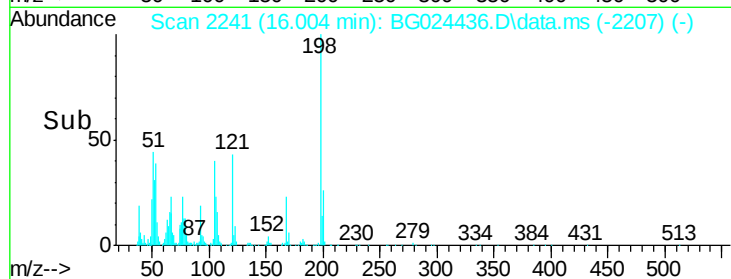
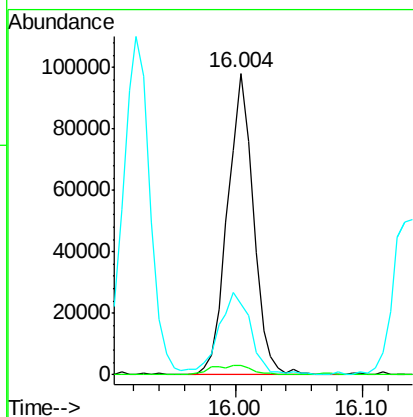
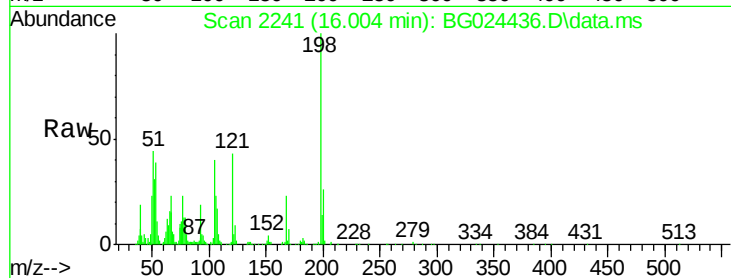




#63
 4,6-Dinitro-2-methylphenol
 Concen: 22.26 ng/ul
 RT: 16.004 min Scan# 2241
 Delta R.T. 0.001 min
 Lab File: BG024436.D
 Acq: 19 Oct 2016 10:26

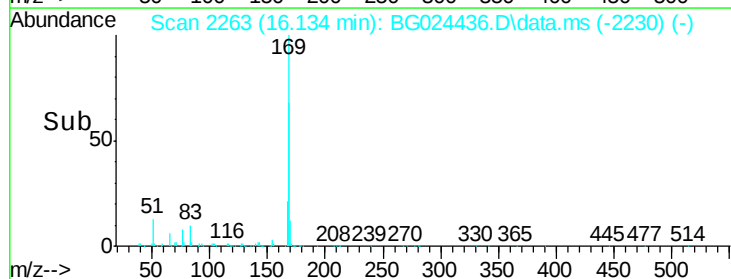
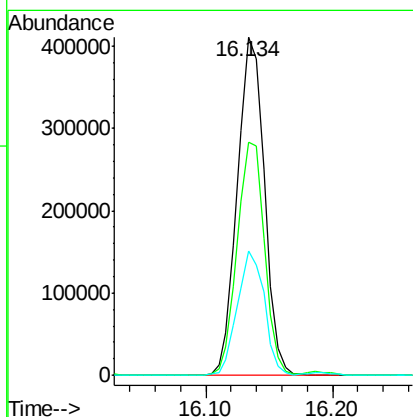
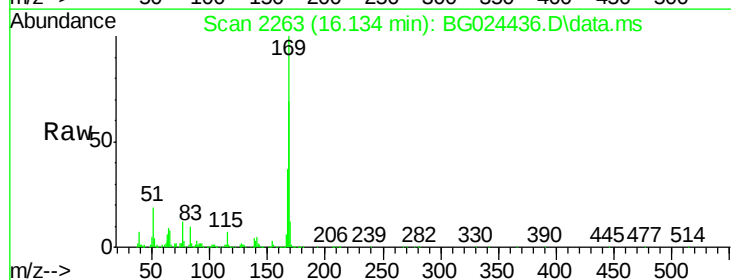
Instrument :
 BNA_G
 ClientSampleId :
 SST02004

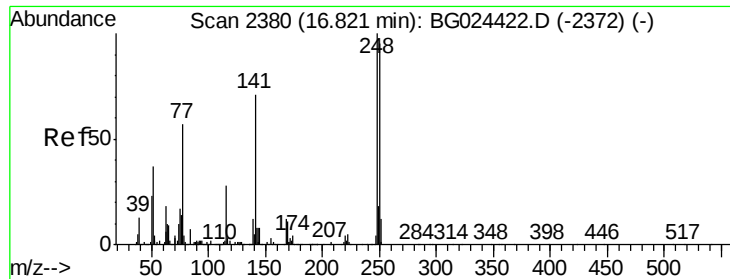
Tot Ion	Ratio	Lower	Upper
198	100		
182	3.2	5.8	6.4#
77	23.3	22.1	33.9



#64
 N-Nitrosodiphenylamine
 Concen: 21.84 ng/ul
 RT: 16.134 min Scan# 2263
 Delta R.T. -0.005 min
 Lab File: BG024436.D
 Acq: 19 Oct 2016 10:26

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.1	59.1	88.7
167	36.7	29.7	44.5

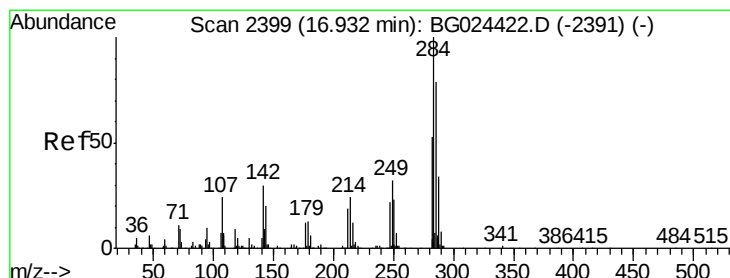
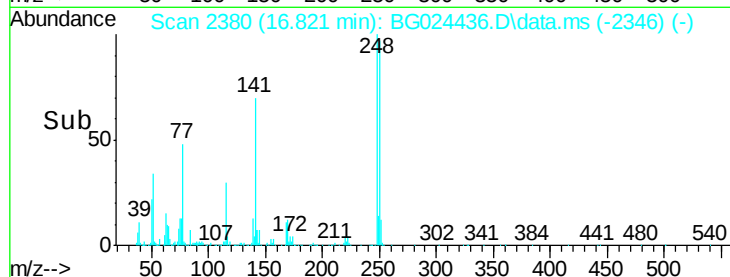
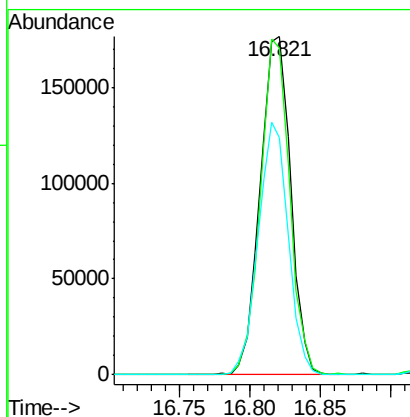
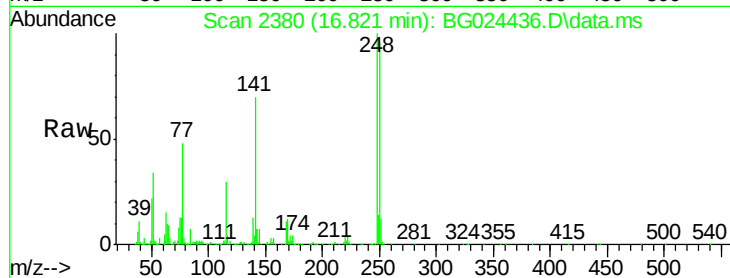




#65
4-Bromophenyl-phenylether
Concen: 23.54 ng/ul
RT: 16.821 min Scan# 2380
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

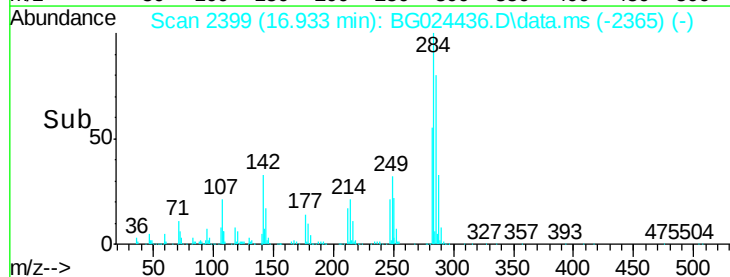
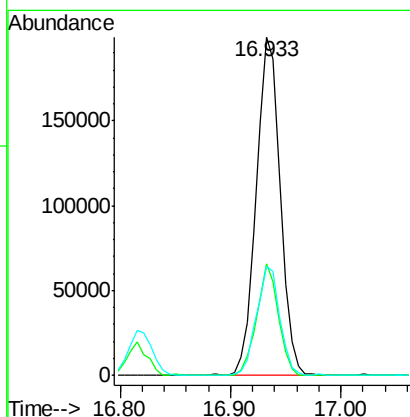
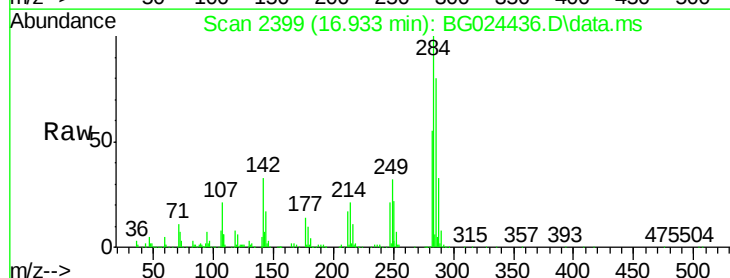
Instrument :
BNA_G
ClientSampleId :
SSTD02004

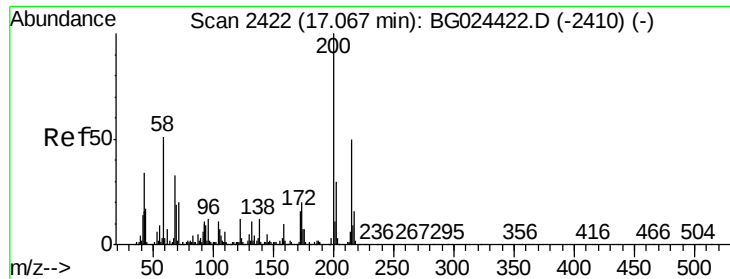
Tot Ion	Ratio	Lower	Upper
248	100		
250	96.5	71.9	107.9
141	70.1	53.8	80.8



#66
Hexachlorobenzene
Concen: 23.89 ng/ul
RT: 16.933 min Scan# 2399
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	30.9	26.1	39.1
249	30.1	25.9	38.9

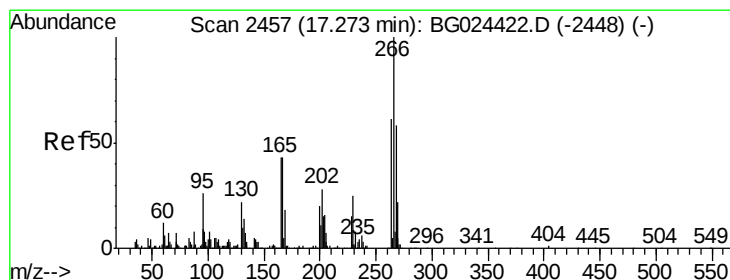
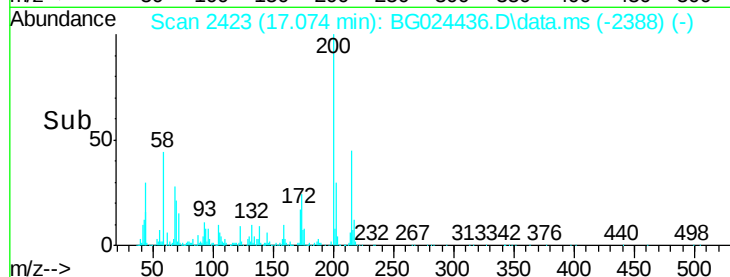
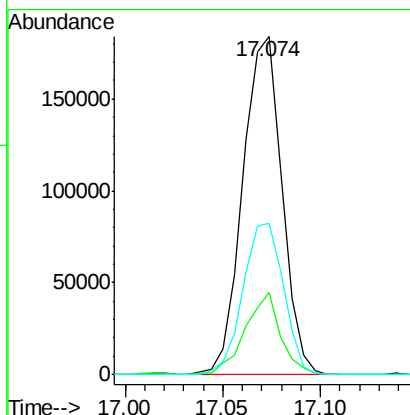
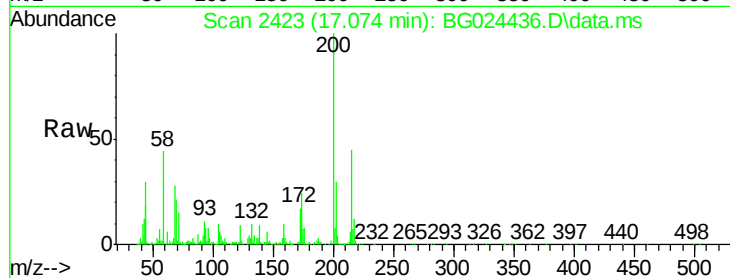




#67
Atrazine
Concen: 22.49 ng/ul
RT: 17.074 min Scan# 2423
Delta R.T. 0.006 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

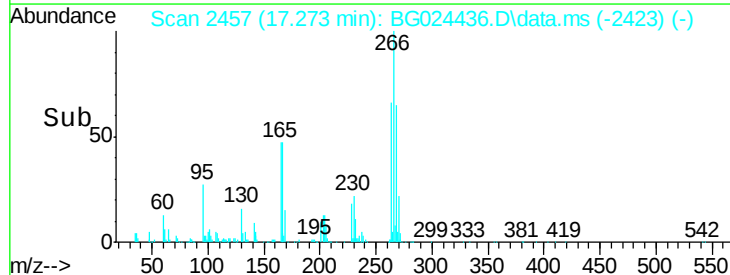
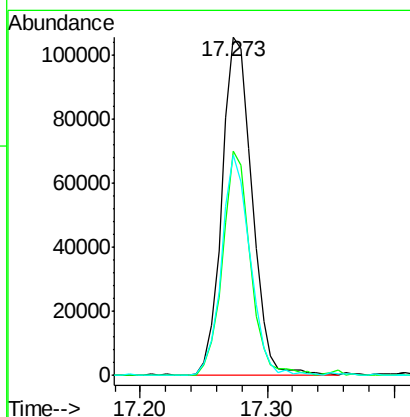
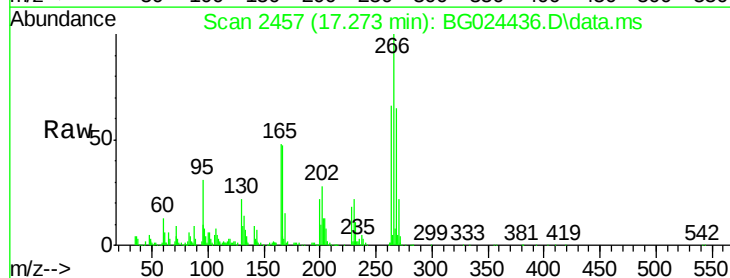
Instrument :
BNA_G
ClientSampleId :
SSTD02004

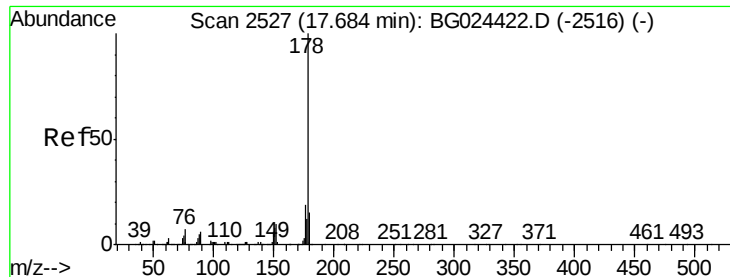
Tot Ion	Ratio	Lower	Upper
200	100		
173	24.2	19.2	28.8
215	44.6	40.3	60.5



#68
Pentachlorophenol
Concen: 22.39 ng/ul
RT: 17.273 min Scan# 2457
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion	Ratio	Lower	Upper
266	100		
264	66.4	47.1	70.7
268	65.1	56.2	84.4





#69

Phenanthrene

Concen: 21.89 ng/ul

RT: 17.679 min Scan# 25

Delta R.T. -0.005 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

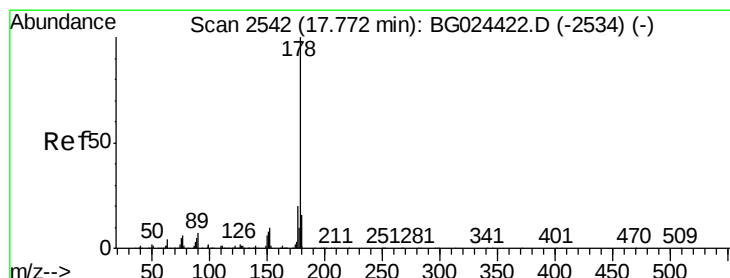
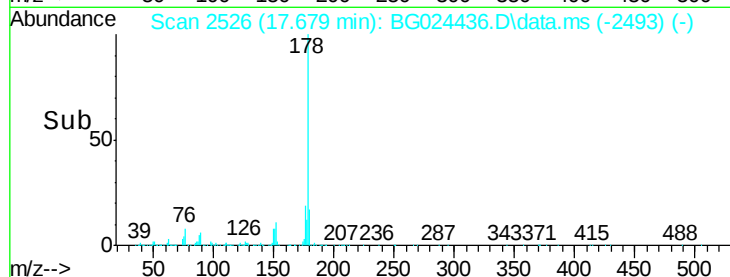
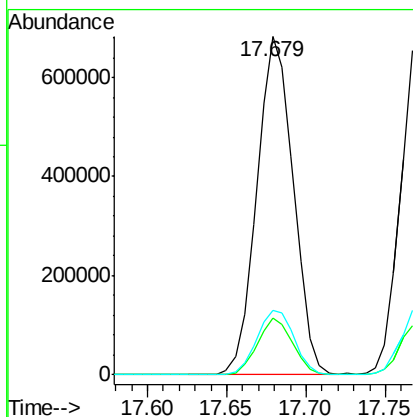
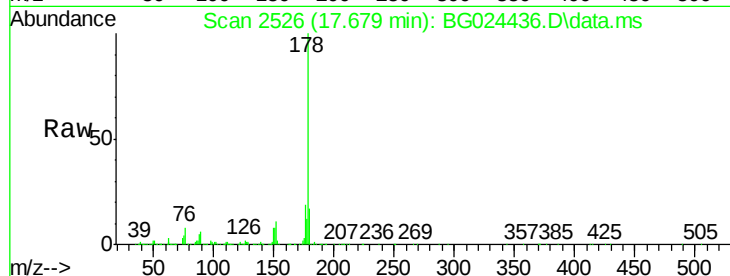
Tot Ion:178 Resp: 1087673

Ion Ratio Lower Upper

178 100

179 16.6 12.4 18.6

176 18.9 16.5 24.7



#71

Anthracene

Concen: 22.13 ng/ul

RT: 17.773 min Scan# 2542

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

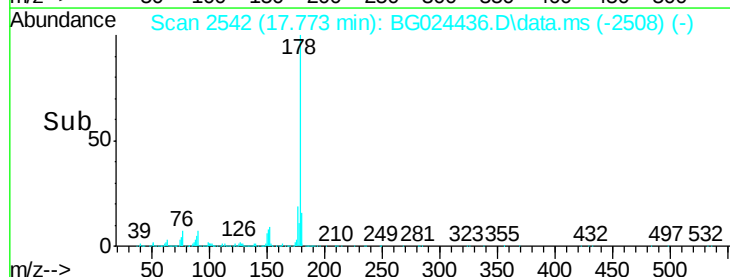
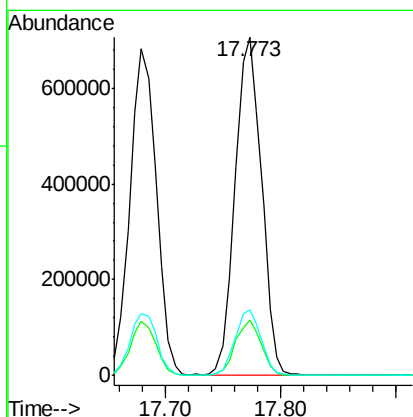
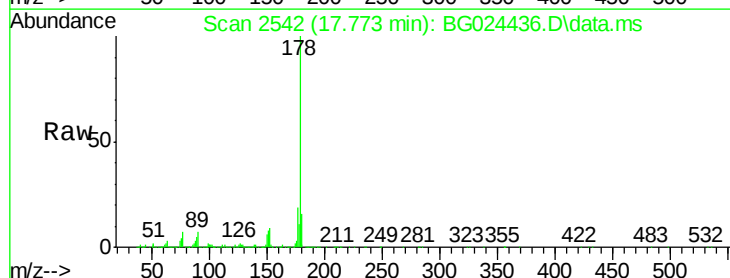
Tgt Ion:178 Resp: 1119287

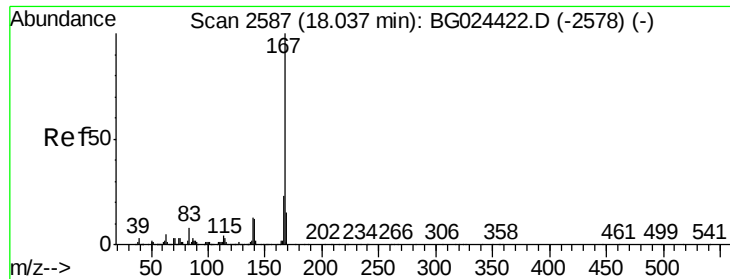
Ion Ratio Lower Upper

178 100

179 16.4 12.6 19.0

176 19.5 15.9 23.9





#72

Carbazole

Concen: 23.09 ng/ul

RT: 18.037 min Scan# 25

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

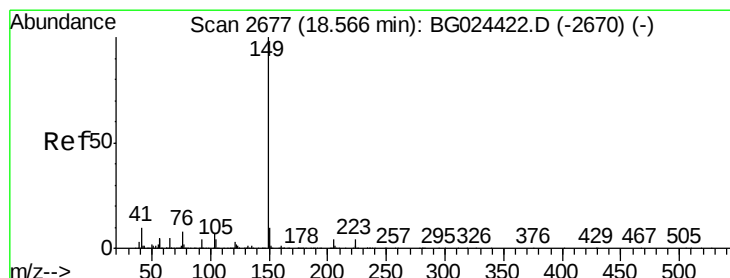
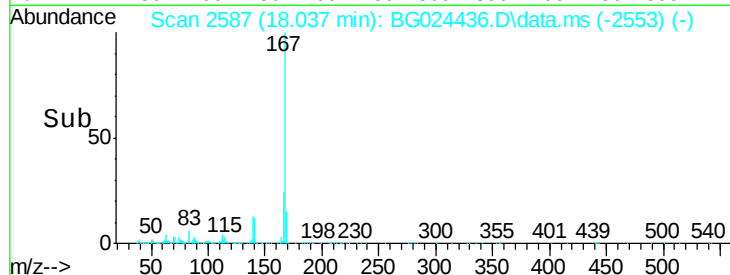
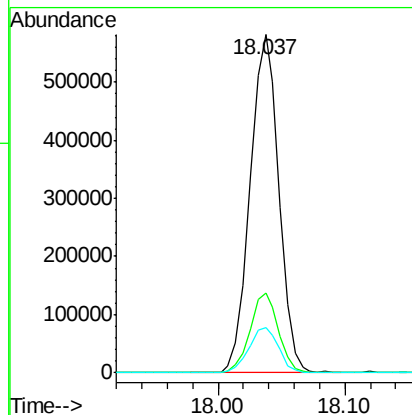
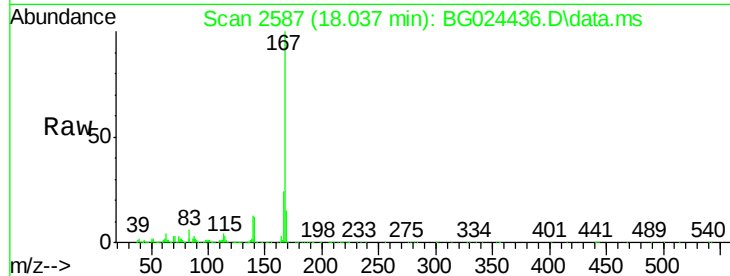
Tot Ion:167 Resp: 916393

Ion Ratio Lower Upper

167 100

166 23.7 17.9 26.9

139 13.4 10.5 15.7



#73

Di-n-butylphthalate

Concen: 22.57 ng/ul

RT: 18.566 min Scan# 2677

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

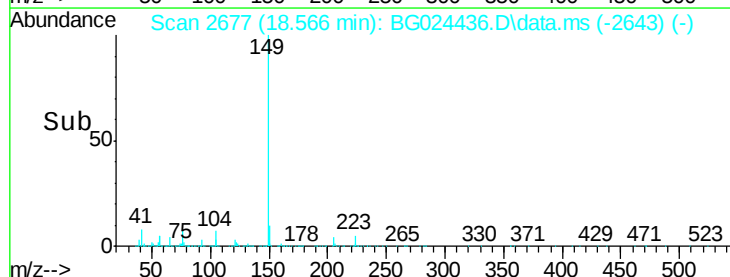
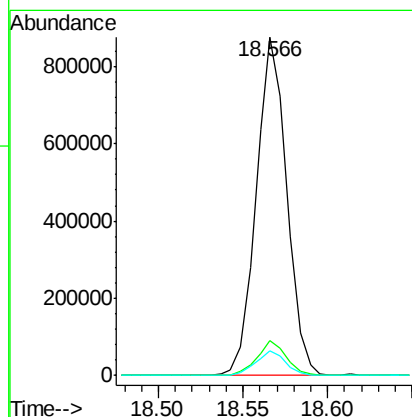
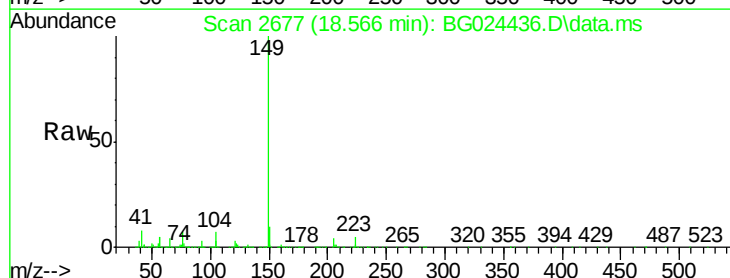
Tgt Ion:149 Resp: 1095566

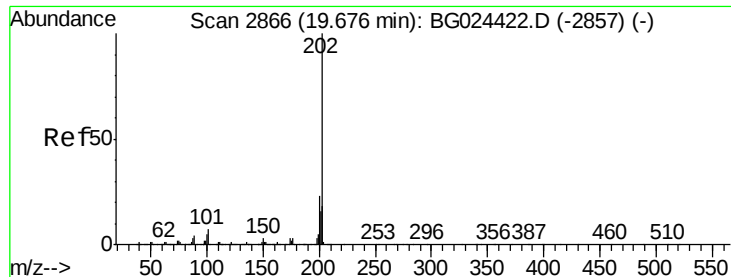
Ion Ratio Lower Upper

149 100

150 10.1 7.9 11.9

104 7.2 5.8 8.8





#74

Fluoranthene

Concen: 24.84 ng/ul

RT: 19.671 min Scan# 28

Delta R.T. -0.005 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

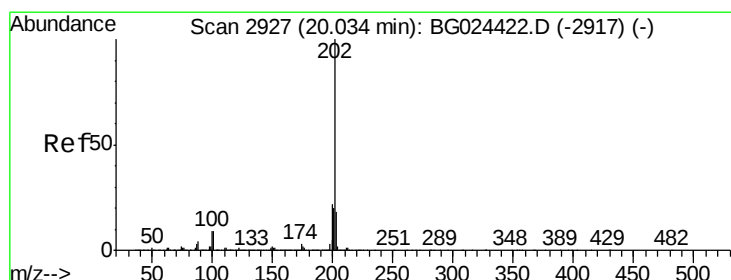
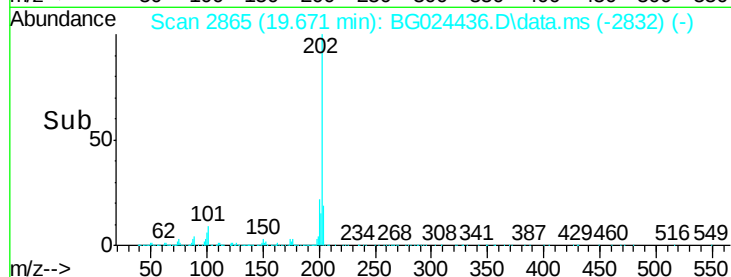
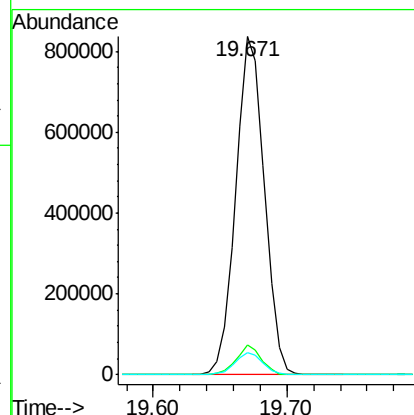
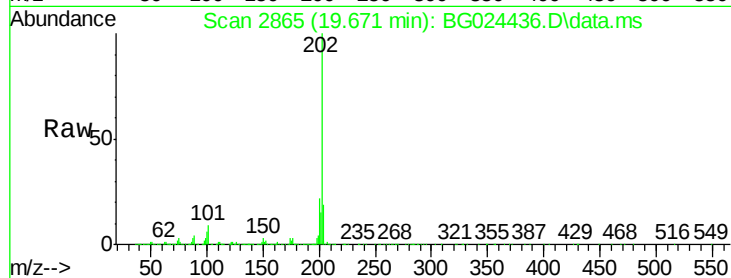
Tot Ion:202 Resp: 1246593

Ion Ratio Lower Upper

202 100

101 8.6 6.2 9.2

100 6.5 5.2 7.8



#77

Pyrene

Concen: 21.18 ng/ul

RT: 20.035 min Scan# 2927

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

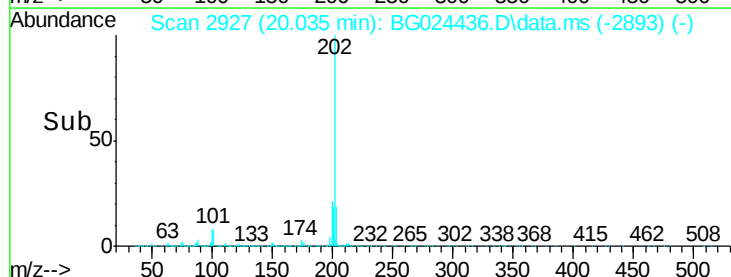
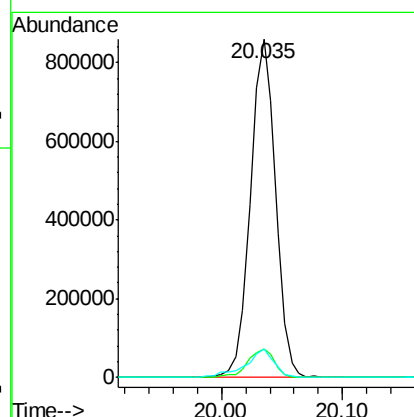
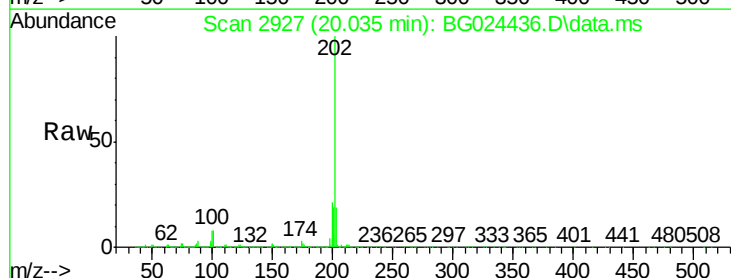
Tgt Ion:202 Resp: 1249210

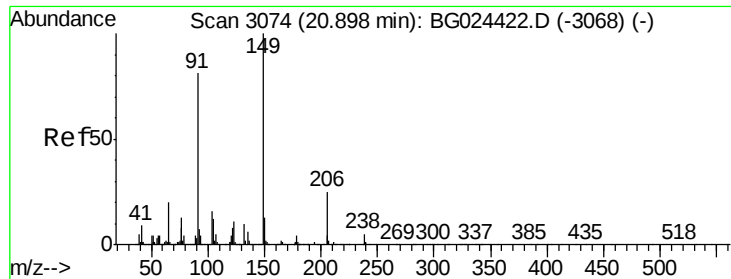
Ion Ratio Lower Upper

202 100

101 8.3 6.9 10.3

100 8.4 6.6 10.0

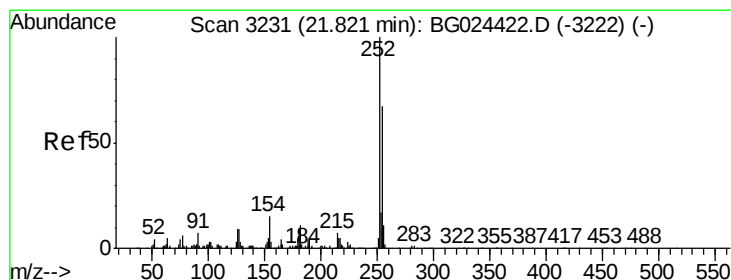
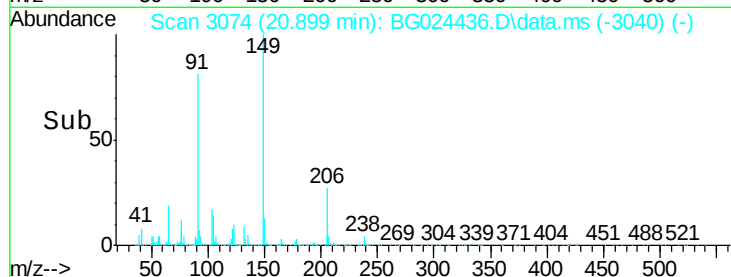
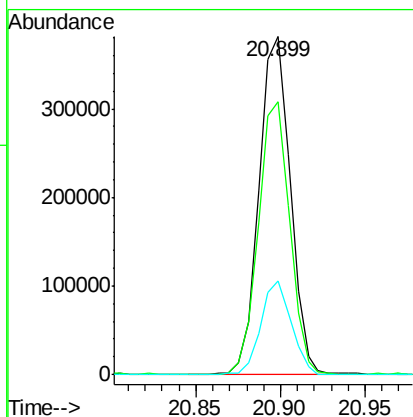
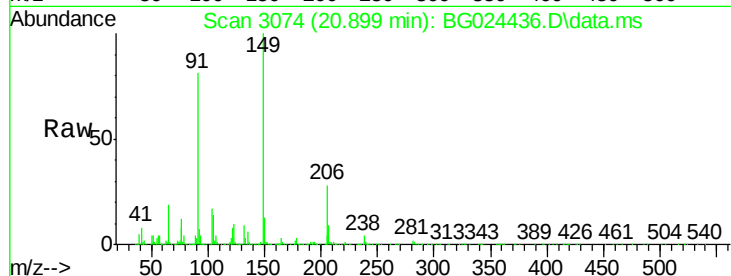




#78
Butylbenzylphthalate
Concen: 20.72 ng/ul
RT: 20.899 min Scan# 3074
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

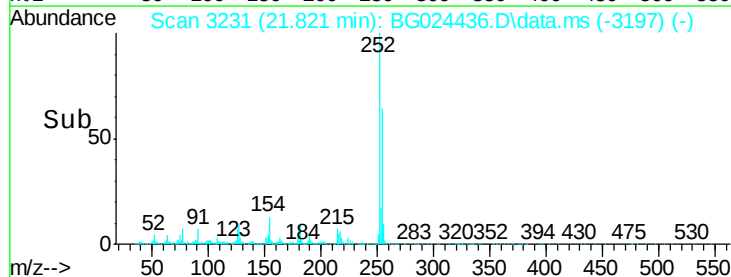
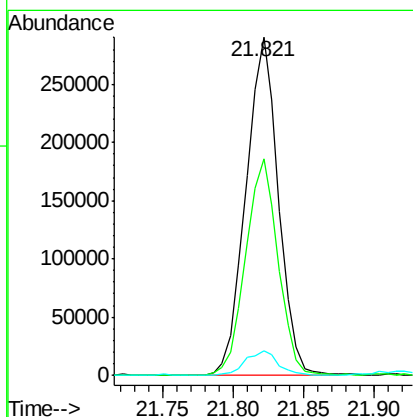
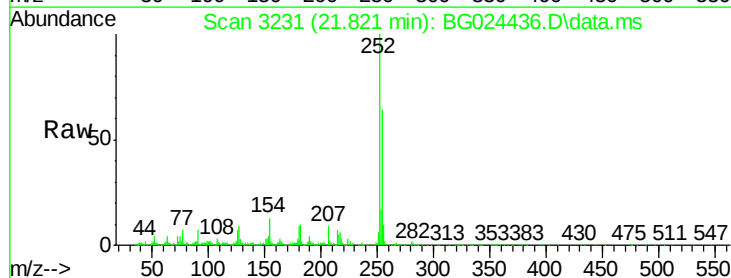
Instrument :
BNA_G
ClientSampleId :
SSTD02004

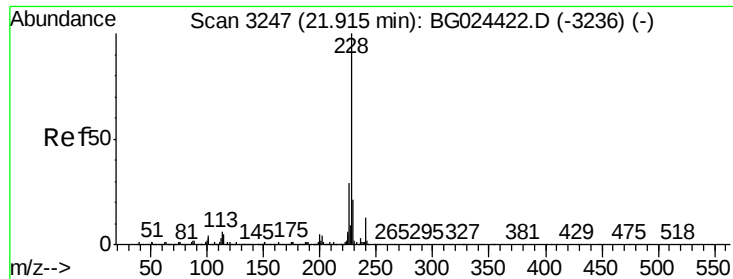
Tot Ion	Ratio	Lower	Upper
149	100		
91	80.6	65.8	98.6
206	27.6	20.1	30.1



#79
3,3'-Dichlorobenzidine
Concen: 22.81 ng/ul
RT: 21.821 min Scan# 3231
Delta R.T. 0.001 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.9	49.0	73.6
126	7.4	5.1	7.7





#80

Benzo(a)anthracene

Concen: 21.51 ng/ul

RT: 21.915 min Scan# 3247

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

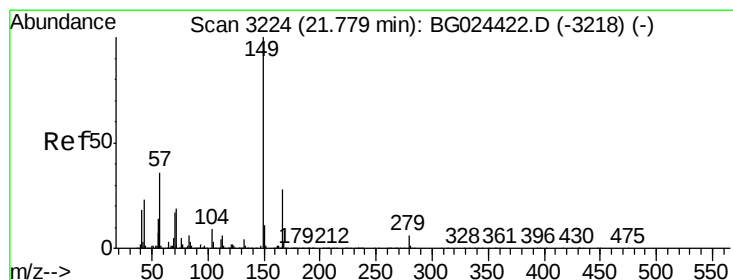
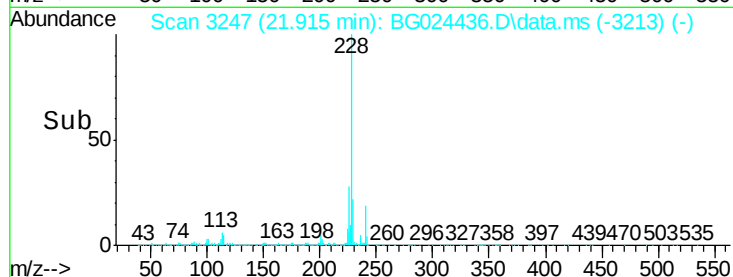
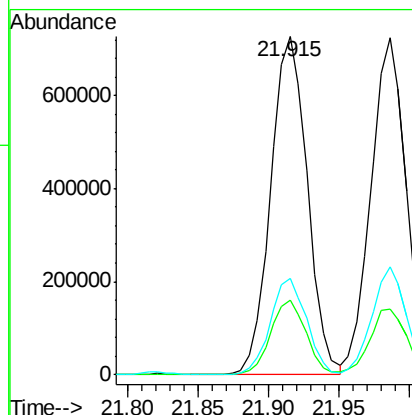
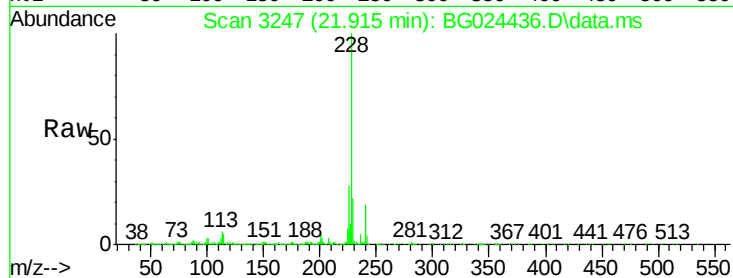
Tot Ion:228 Resp: 1318256

Ion Ratio Lower Upper

228 100

229 21.9 16.3 24.5

226 28.5 21.9 32.9



#81

Bis(2-ethylhexyl)phthalate

Concen: 20.78 ng/ul

RT: 21.780 min Scan# 3224

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

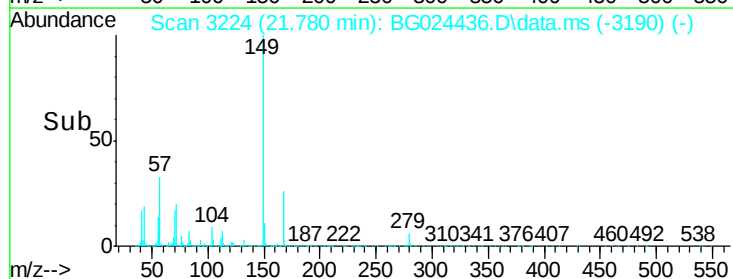
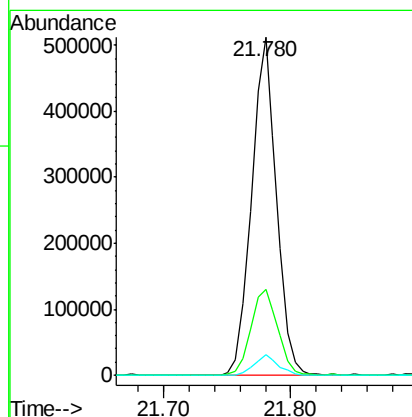
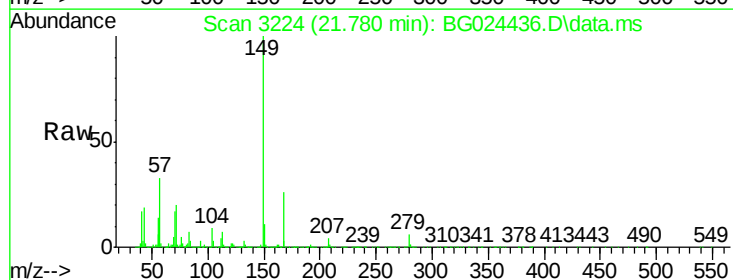
Tgt Ion:149 Resp: 696752

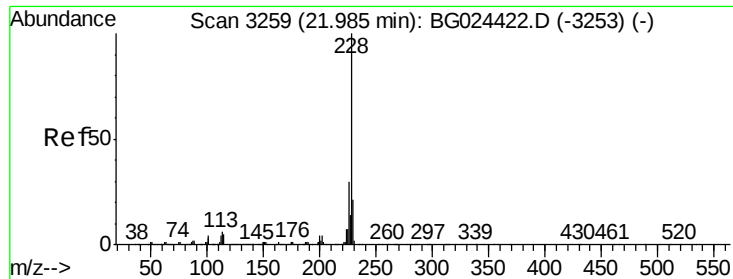
Ion Ratio Lower Upper

149 100

167 25.6 21.8 32.8

279 6.1 4.5 6.7





#82

Chrysene

Concen: 21.41 ng/ul

RT: 21.986 min Scan# 32

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

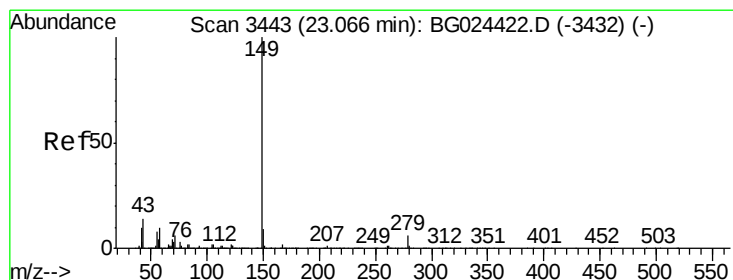
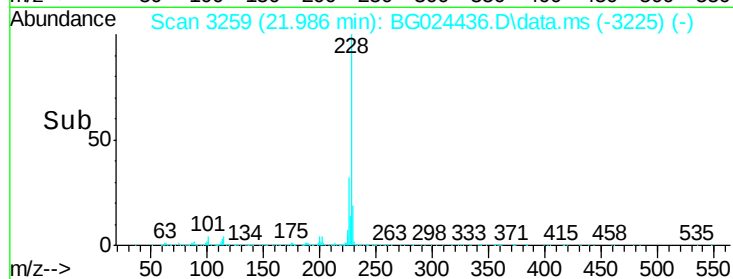
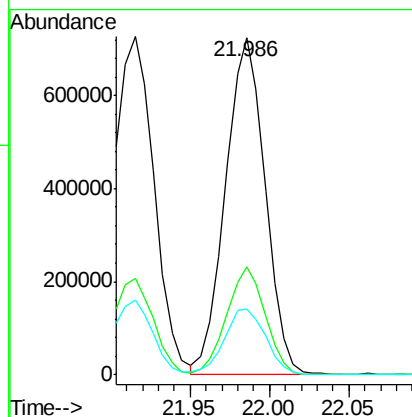
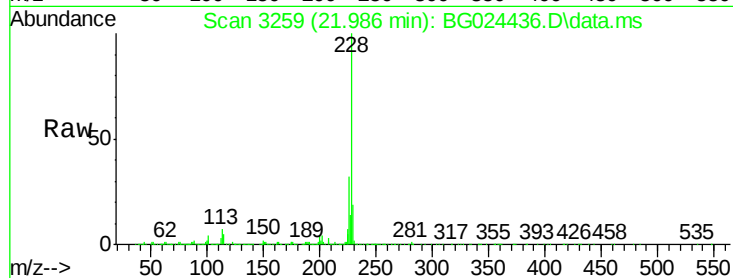
Tot Ion:228 Resp: 1249260

Ion Ratio Lower Upper

228 100

226 32.1 24.0 36.0

229 19.4 16.9 25.3



#84

Di-n-octyl phthalate

Concen: 21.64 ng/ul

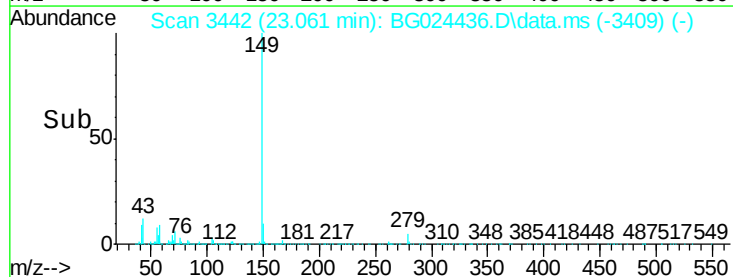
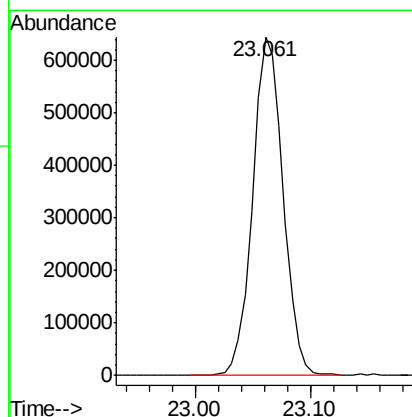
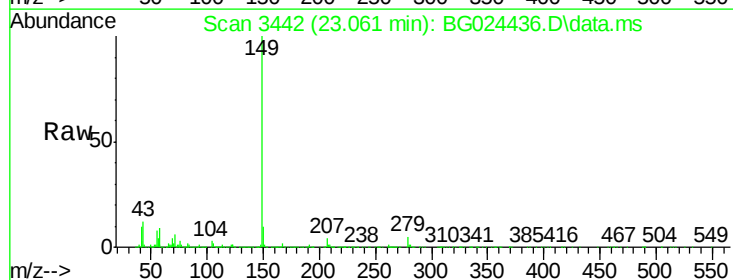
RT: 23.061 min Scan# 3442

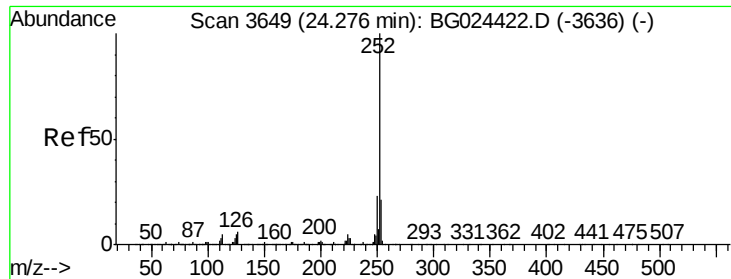
Delta R.T. -0.005 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Tgt Ion:149 Resp: 1175223





#85

Benzo(b)fluoranthene

Concen: 21.21 ng/ul

RT: 24.271 min Scan# 3649

Delta R.T. -0.005 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

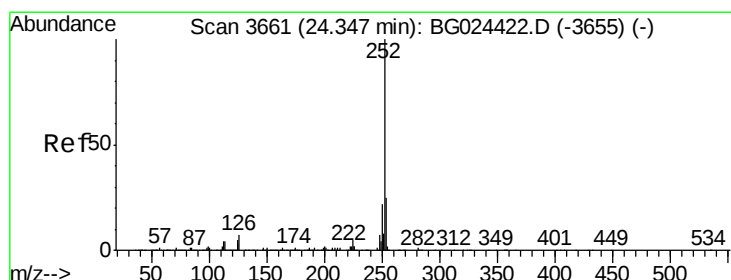
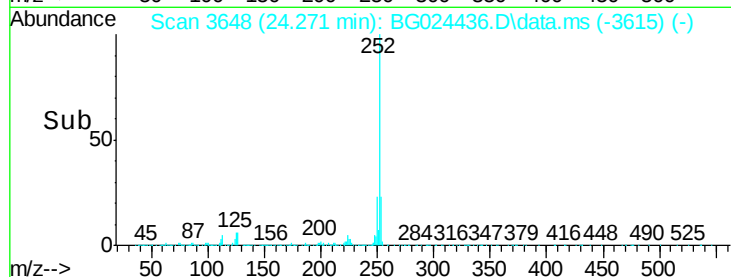
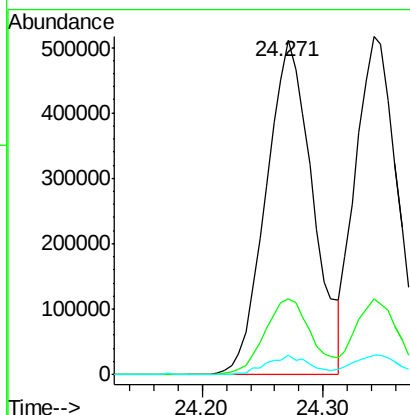
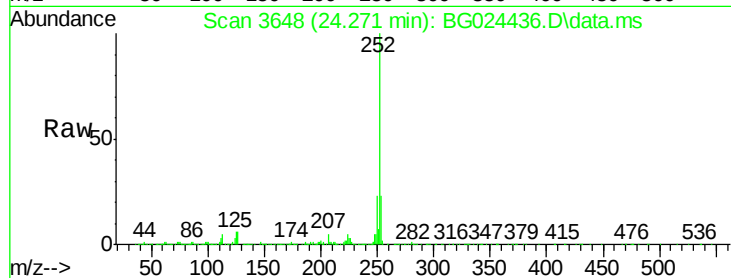
Tot Ion:252 Resp: 1363122

Ion Ratio Lower Upper

252 100

253 22.7 17.7 26.5

125 5.8 4.0 6.0



#86

Benzo(k)fluoranthene

Concen: 20.07 ng/ul

RT: 24.342 min Scan# 3660

Delta R.T. -0.005 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

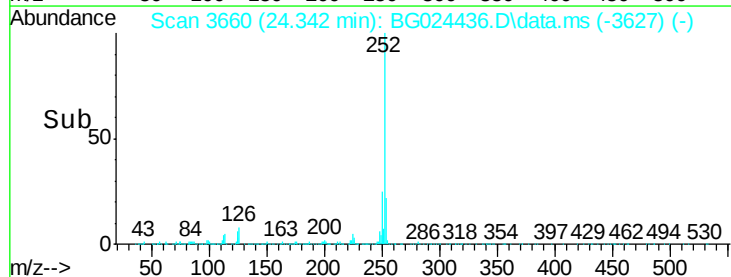
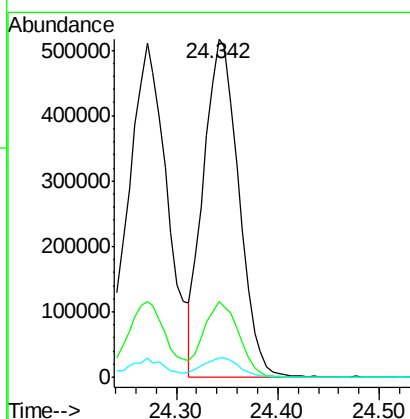
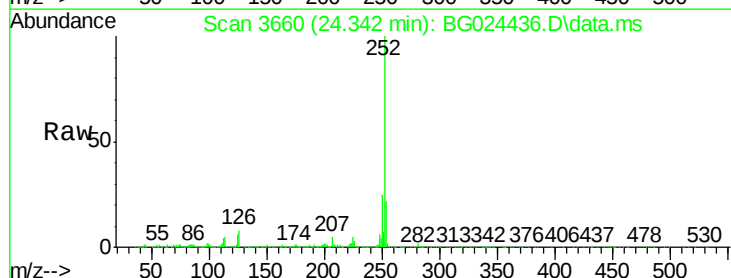
Tgt Ion:252 Resp: 1242319

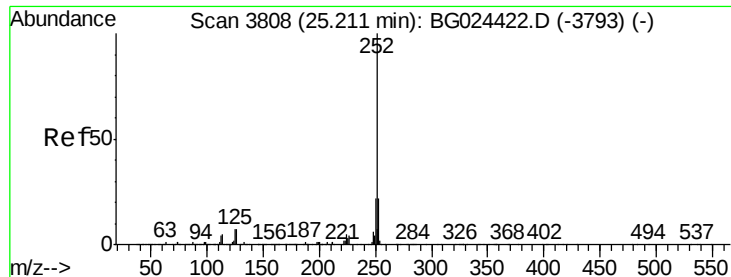
Ion Ratio Lower Upper

252 100

253 22.5 18.5 27.7

125 5.6 4.1 6.1





#88

Benzo(a)pyrene

Concen: 20.67 ng/ul

RT: 25.211 min Scan# 38

Delta R.T. 0.001 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

Instrument :

BNA_G

ClientSampleId :

SSTD02004

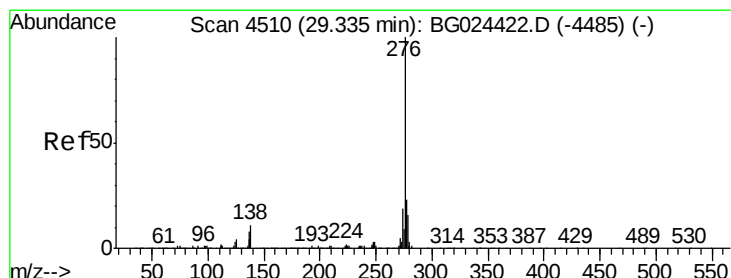
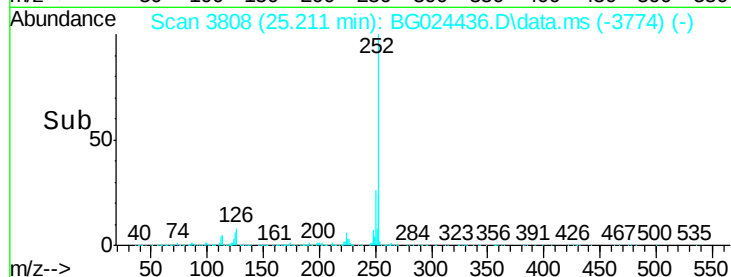
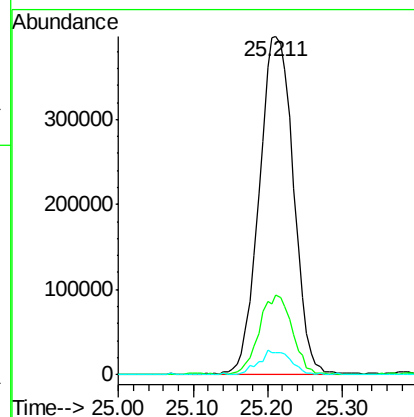
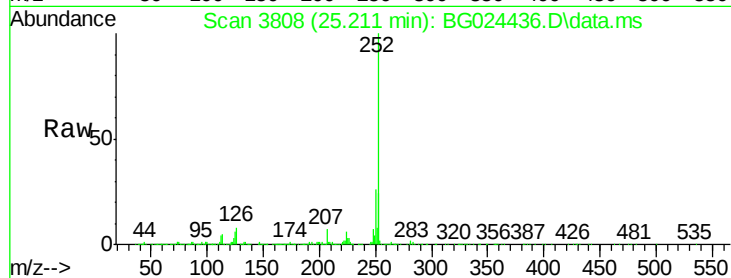
Tot Ion:252 Resp: 1265305

Ion Ratio Lower Upper

252 100

253 23.7 17.8 26.6

125 6.3 5.4 8.0



#89

Indeno(1,2,3-cd)pyrene

Concen: 21.48 ng/ul

RT: 29.318 min Scan# 4507

Delta R.T. -0.017 min

Lab File: BG024436.D

Acq: 19 Oct 2016 10:26

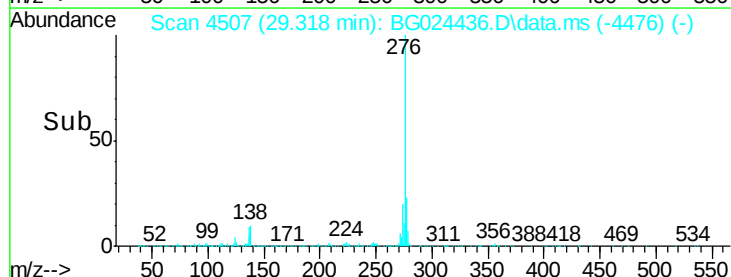
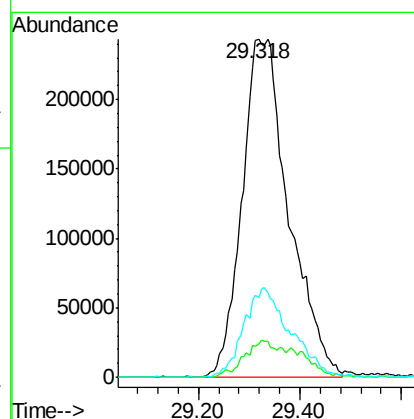
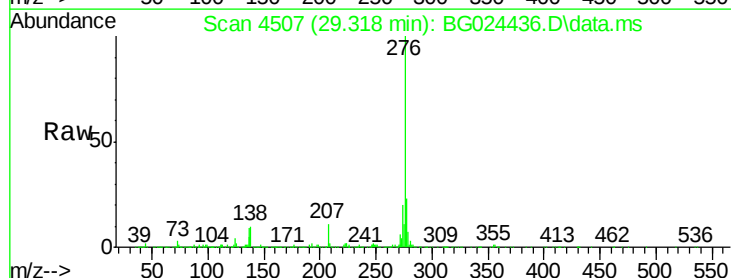
Tgt Ion:276 Resp: 1557041

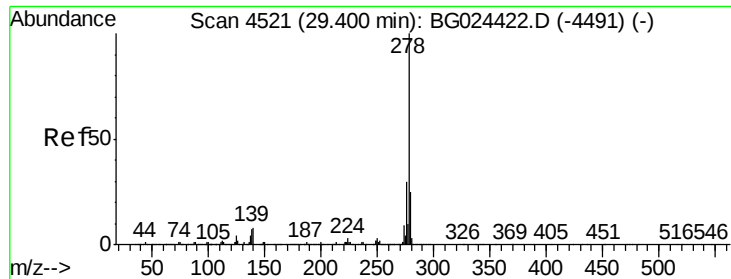
Ion Ratio Lower Upper

276 100

138 10.1 8.2 12.4

277 23.3 18.6 28.0

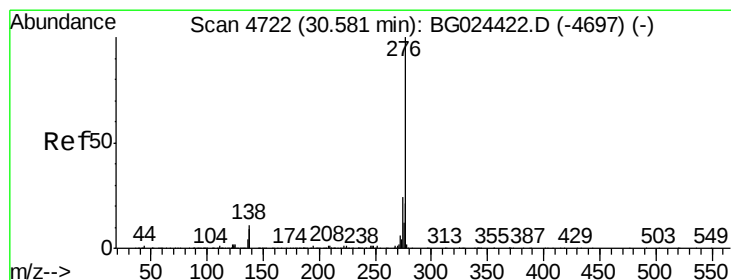
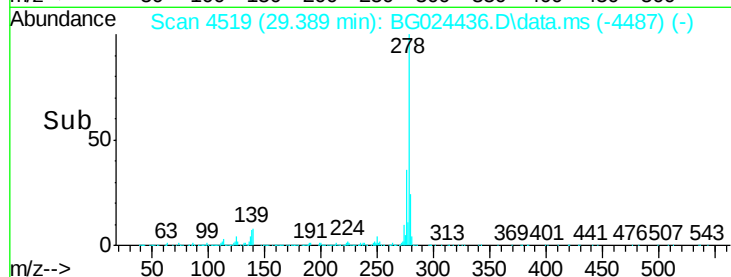
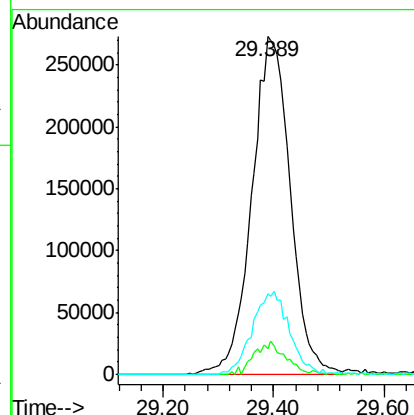
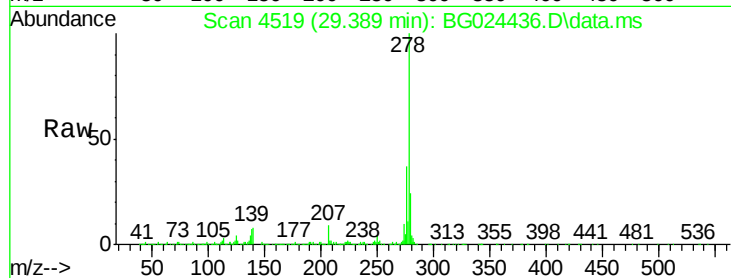




#90
Dibenzo(a,h)anthracene
Concen: 21.34 ng/ul
RT: 29.389 min Scan# 451
Delta R.T. -0.011 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Instrument :
BNA_G
ClientSampleId :
SSTD02004

Tot Ion:278 Resp: 1308118
Ion Ratio Lower Upper
278 100
139 7.7 6.7 10.1
279 23.8 20.9 31.3



#91
Benzo(g,h,i)perylene
Concen: 21.44 ng/ul
RT: 30.570 min Scan# 4720
Delta R.T. -0.011 min
Lab File: BG024436.D
Acq: 19 Oct 2016 10:26

Tgt Ion:276 Resp: 1306975
Ion Ratio Lower Upper
276 100
138 8.9 8.6 12.8
277 19.6 17.6 26.4

